

1953

Soybean
BLUE BOOK



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Even "good catch" clover stands can cheat you out of yield quantity and protein feed quality. Healthy root nodules created by NITRAGIN bacteria help you get all the forage and all the proteins clovers offer. One test showed that 75 cents for inoculation produced 390 dollars' worth of extra clover seed. In other tests, *uninoculated* clovers were *serious failures*—cheating farmers out of pasture, seed and hay. It pays to always inoculate.



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The Soybean
B L U E
B O O K
1953

Published by the

AMERICAN SOYBEAN ASSOCIATION

(Organized 1920)

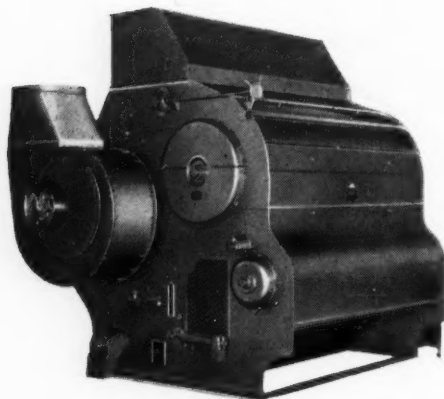
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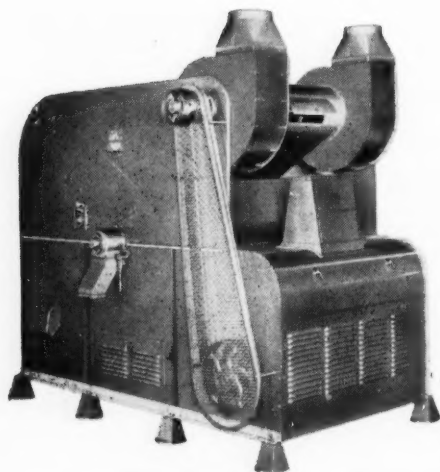


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The publishers have made every effort to make listings complete and accurate, but they cannot be held responsible for errors or omissions.

Tables on production, utilization and prices of soybeans and soybean products were compiled by Edwin G. Strand, agricultural economist, division of farm management and costs, Bureau of Agricultural Economics, U. S. Department of Agriculture, Washington, D. C.

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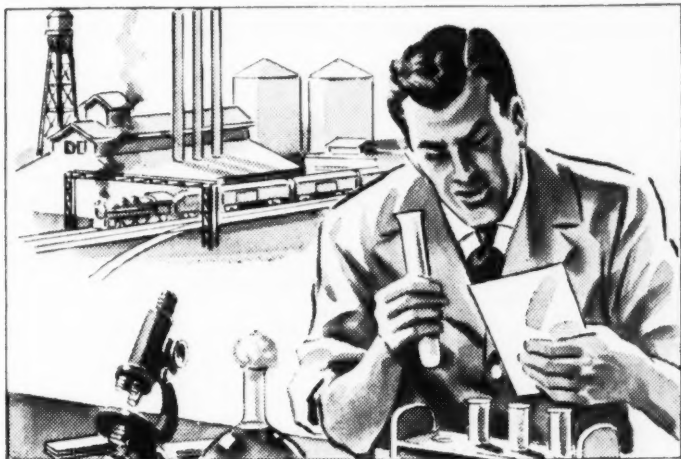
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ACTIVITIES

The American Soybean Association is the non-profit over-all organization of the soybean industry. It is officered by soybean growers in the states where production is heaviest. Its activities include the following:

FIGHTS YOUR LEGISLATIVE BATTLES.

The organization promotes new markets for soybeans, protects price relationships, removes legislative restrictions, and secures appropriations for research work on varieties, diseases, and pests.

Countless hours are spent each year by Association officers in Washington and state capitols in efforts to protect the interests of soybean producers in legislative affairs.

PROMOTES MARKETS for soybeans and soy products. The Association through contacts with both the domestic and foreign markets encourages the usage of soybeans and

soy products in human and animal nutrition as well as industry.

HOLDS ANNUAL CONVENTIONS with the nation's outstanding soybean authorities as speakers. Its resolutions adopted there serve as guides for the Association during the year.

ENCOURAGES YIELD CONTESTS through which comparisons of growing practices and varieties between counties and states become possible.

ANSWERS YOUR QUESTIONS. The executive office of the American Soybean Association at Hudson, Iowa, serves as a clearing house of information for the industry, answering many thousands of questions that come by postcard, letter and telephone each year.

PUBLICATIONS

The *Soybean Digest* is the only magazine in America devoted to soybeans. Published monthly by the Association it goes to all members of the American Soybean Association. The *Soybean Blue Book* is the annual directory of the industry.

MEMBERSHIPS

Active Membership in the American Soybean Association is open to individuals on payment of annual dues of \$3.00 and includes subscription to the *Soybean Digest*.

Associate Membership is open to business organization, corporations, partnerships and other agencies interested in the welfare of the soybean industry at a cost of \$10.00 per year, including one subscription to the *Soybean Digest*.

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Ontario Soya Bean Growers' Marketing Board. R. H. Peck, River Canard, Ontario, chairman; George Philips, vice chairman. K. A. Standing, Essex, Ontario, full time secretary fieldman. Purpose, to regulate marketing and help with growers' problems.

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President—R. G. Houghtlin.

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Committee—E. A. Cayce.

Secretary—W. E. Huge.

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Regular membership in the National Soybean Processors Association is limited to individuals, firms or corporations regularly engaged in the actual processing of soybeans. The Association now has 77 members who regularly process; more than 80 percent of the soybeans crushed in the United States.

Recently the constitution of the Association was altered to provide for associate memberships. Firms which are consumers of soybean oil and/or soybean oil meal now are eligible for associate membership. A number of refiners and mixed feed manufacturers are now associate members of the Association.

Through this organization, equitable trading rules have been developed which have admirably and fairly served the buyers and sellers of soybean products during the years in which the soybean industry has made such remarkable growth.

The intense research activity fostered by the Association and its members has played an important part in placing the industry on the high plane which it enjoys today. The promotional efforts of the Association and its members have established a place for soybean products in highly competitive fields. Through this research and promotional activity the products of soybeans have become standard essentials in our food, feed and industrial markets.

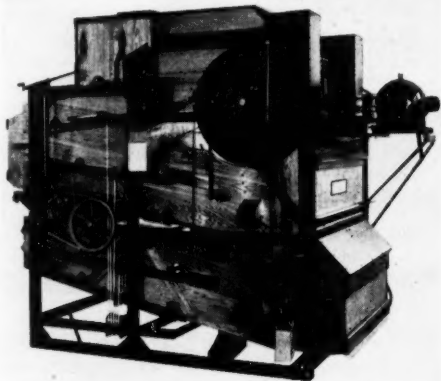
In March 1948 the Association launched a national soybean crop improvement program with J. W. Calland of Decatur, Ind., as director.

Since the inauguration of the program, some 240,000 copies of the booklet, *Soybean Farming*, have been distributed. The publication is now in its third edition. A publication, *Soybean News*, issued four times a year, is being sent to a mailing list of over 21,000. The latest activity has been the production of a sound color 16-mm movie entitled, *Soybeans—the Feature Story*. This film runs 27 minutes. It is available from the American Soybean Association, Hudson, Iowa, the university film libraries in the principal soybean producing states and from the Modern Talking Picture Service, Inc., 142 E. Ontario St., Chicago 11, Ill.

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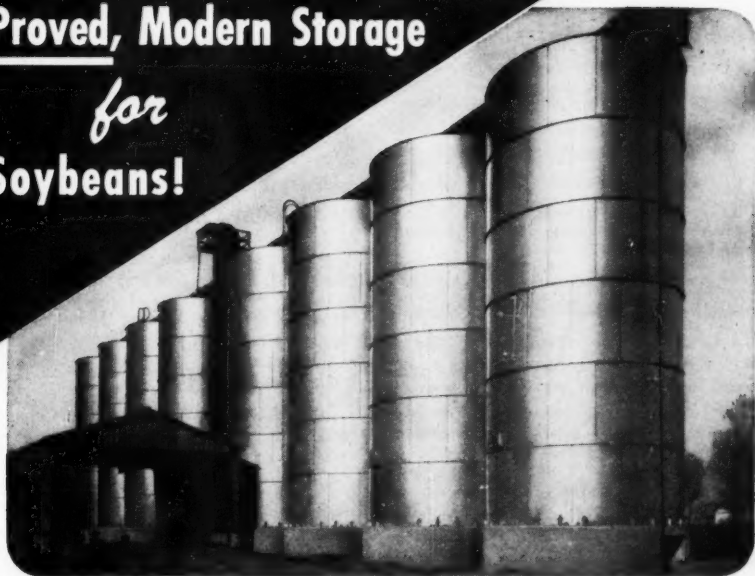
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Organized 1936.

Address: 828 Barr Bldg., Washington 6, D. C.

Chairman—H. A. Olendorf.

Vice Chairman—Wilfrid B. Cox.

Representing American Soybean Association—George M. Strayer.

Chairman of Research—Dr. Marvin W. Formo.

Chairman of Nutrition—Dr. C. Kenneth Shuman.

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Production Technology—E. A. Buelens.

This Council, which represents the interests of both the manufacturers of soy food products and the growers of soybeans, is primarily interested in scientific research, new product studies, refinement of methods, and developments of new markets.

During the war and postwar periods, this group was the channel through which the industry assisted the government in bringing about public consciousness of the high food value and comparative low cost of soy protein products. With helpful advice from government technologists, standards were adopted.

At government request substantial increases were made in the industry's productive capacity.

In recent years there has been large usage of soy flour products in various parts of the world. American usage has increased. There has been a growing realization, both in public and in government, that edible soy protein is the key to providing low-cost protein to millions whose diets are dangerously low in proteins.

In the past few years various types of scientific research on soy flour have been or are being carried on, in the following institutions: University of Illinois, Purdue University, University of Minnesota, Kansas State College, Pittsburgh University, Midwest Laboratories, U. S. Regional Laboratories, and elsewhere.

This work is far more than matched by the studies conducted in the large laboratories of private companies.

Today soy flour is used in many food articles including:

Bakery products, breakfast foods, candies, chocolate, diabetic foods, health drinks, ice cream cones, ice cream powder, infant foods, macaroni and spaghetti products, meat products, prepared mixes and pet foods.

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OFFICIAL STANDARDS FOR SOYBEANS*

(U. S. Department of Agriculture,
effective Sept. 1, 1949)

For the purposes of the official grain standards of the United States for soybeans:

(a) **Soybeans.** Soybeans shall be any grain which consists of 50 percent or more of threshed soybeans and not more than 10.0 percent of other grains. Threshed soybeans shall be whole or broken soybeans which are not removed in the determination of foreign material.

(b) **Classes.** Soybeans shall be divided into the following five classes: yellow soybeans, green soybeans, brown soybeans, black soybeans, and mixed soybeans.

(c) **Yellow soybeans.** Yellow soybeans shall be any soybeans with yellow or green seed coats, which in cross section are yellow or have a yellow tinge, and may include not more than 10.0 percent of soybeans of other classes.

(d) **Green soybeans.** Green soybeans shall be any soybeans with green seed coats which in cross section are green, and may include not more than 10.0 percent of soybeans of other classes.

(e) **Brown soybeans.** Brown soybeans shall be any soybeans with brown seed coats, and may include not more than 10.0 percent of soybeans of other classes.

(f) **Black soybeans.** Black soybeans shall be any soybeans with black seed coats, and may include not more than 10.0 percent of soybeans of other classes.

(g) **Mixed soybeans.** Mixed soybeans shall be any mixture of soybeans which does not meet the requirements for the classes of yellow soybeans, green soybeans, brown soybeans, or black soybeans. Bicolored soybeans shall be classified as mixed soybeans.

(h) **Grades and grade designations.** Grades shall be the numerical grades, sample grades, and special grades provided for in §26.603.

(i) **Bicolored soybeans.** Bicolored soybeans shall be any soybeans with seed

coats of two colors, one of which is black or brown.

(j) **Splits.** Splits shall be pieces of soybeans.

(k) **Damaged kernels.** Damaged kernels shall be soybeans, pieces of soybeans, and kernels and pieces of kernels of other grains which are heat-damaged, sprouted, frosted, badly ground-damaged, badly weather-damaged, moldy, diseased, or otherwise materially damaged.

(l) **Other grains.** Other grains shall be barley, corn, flaxseed, grain sorghums, oats, rye, wheat, buckwheat, einkorn, emmer, Polish wheat, popcorn, poulard wheat, rice, spelt, sweet corn, and wild oats.

(m) **Foreign material.** Foreign material shall be all matter, including soybeans and pieces of soybeans, which will pass readily through a sieve 0.032 inch thick with round perforations 0.125 (8/64) inch in diameter, and all matter other than soybeans remaining on such sieve after sieving.

(n) **Stones.** Stones shall be concreted earthy or mineral matter and other substances of similar hardness that do not disintegrate readily in water.

§26.602 Principles governing application of standards. The following principles shall apply in determination of the classes and grades of soybeans:

(a) **Basis of determination.** Each determination of class, splits, and damaged kernels shall be upon the basis of the grain when free from that part of foreign material which can be removed readily by the use of a sieve 0.032 inch thick with round perforations 0.125 (8/64) inch in diameter. All other determinations shall be upon the basis of the grain as a whole.

(b) **Percentages.** Percentages shall be upon the basis of weight.

(c) **Percentage of moisture.** Percentage of moisture shall be ascertained by the air oven and the method of use thereof described in Service and Regulatory Announcements No. 147 (revised August 1941) issued by the Agricultural Marketing Service (now Production and Marketing Administration) of the United States Department of Agriculture, or ascertained by any device and method which give equivalent results.

(d) **Percentage of splits.** The percentage of splits shall be expressed in whole

*The specifications of these standards shall not excuse failure to comply with the provisions of the Federal Food, Drug, and Cosmetic Act (21 U. S. C. 301 et seq.)

Grade	Minimum test weight per bushel	Maximum limits of—			
		Moisture	Splits	Damaged kernels (soybeans and other grains)	Foreign material
No. 1 ¹	Pounds 56	Percent 13.0	Percent 10	Percent 2.0	Percent 2.0
No. 2 ¹	54	14.0	20	3.0	3.0
No. 3 ¹	52	16.0	30	5.0	4.0
No. 4 ²	49	18.0	40	8.0	6.0

Sample grade: Sample grade shall be soybeans which do not meet the requirements for any of the grades from No. 1 to No. 4, inclusive; or which are musty, or sour, or heating; or which have any commercially objectionable foreign odor; or which contain stones; or which are otherwise of distinctly low quality.

¹The soybeans in grade No. 1 of the class Yellow Soybeans may contain not more than 1.0 percent, in grade No. 2 not more than 2.0 percent, and in grade No. 3 not more than 5.0 percent of Green, Black, Brown, or bicolored soybeans, either singly or in any combination.

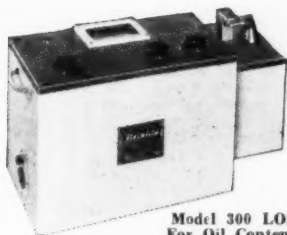
²Soybeans which are materially weathered shall not be graded higher than No. 4.

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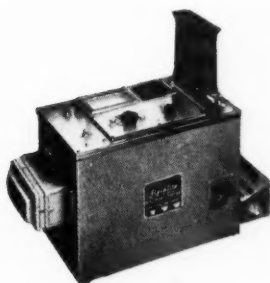
1. LOS accurate measurement - helps you select beans with high oil content.
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STANDARDS FOR SOYBEANS—(Continued)

percent and any fraction of a percent shall be disregarded.

(e) **Test weight per bushel.** Test weight per bushel shall be the weight per Winchester bushel, as determined by the testing apparatus and the method of use there-of described in Bulletin No. 1065, dated May 18, 1922, issued by the United States Department of Agriculture, or as determined by any device and method which give equivalent results.

§26.603. **Grade requirements.** The following grade requirements are applicable under these standards:

(a) **Numerical grades, sample grades, and grade requirements for all classes of soybeans.**

(b) **Special grades, special grade requirements, and special grade designations for all classes of soybeans:**

(1) **Garlicky soybeans.**

(i) **Requirements.** Garlicky soybeans shall be soybeans which contain 5 or more garlic bulblets in 1,000 grams of soybeans.

(ii) **Grade designation.** Garlicky soybeans shall be graded and designated according to the grade requirements of the standards applicable to such soybeans if they were not garlicky, and there shall be added to and made a part of the grade designation the word "Garlicky."

(2) **Weevily soybeans.**

(i) **Requirements.** Weevily soybeans shall be soybeans which are infested with live weevils or other live insects injurious to stored grain.

(ii) **Grade designation.** Weevily soybeans shall be graded and designated according to the grade requirements of the standards applicable to such soybeans if they were not weevily, and there shall be added to and made a part of the grade designation the word "Weevily."

SOY FLOUR STANDARDS

	Full-Fat Soy Flour	Low-Fat Soy Flour	Defatted Soy Flour
Protein (Nx6.25)*	40.0% Min.	45.0% Min.	50.0% Min.
Protein (Nx5.7)*	36.5% Min.	41.0% Min.	45.0% Min.
Fat (Ether Extract)*	18.0% Min.	4.5% Min. 9.0% Max.	2.0% Max.
Fibre*	3.0% Max.	3.3% Max.	3.5% Max.
Moisture	8.0% Max.	8.0% Max.	8.0% Max.
Ash*	5.5% Max.	6.5% Max.	6.5% Max.

Screen—97% through No. 100 U. S. Standard Screen for each of the above.

*Moisture free basis.

Approved and adopted by the Soya Food Research Council.

DEFINITION

The products shall be processed from high quality, sound, clean, dehulled yellow soybeans as defined in the United States Grain Standards Act. The soybeans shall be subjected to a thorough initial cleaning operation that shall substantially remove all foreign material. Disagreeable flavors

and odors shall be removed by subjecting the soy material to adequate processing.

Soy flour shall be prepared and packaged under modern sanitary conditions.

The soy flour shall be free from burnt, musty, rancid or other undesirable flavors or odors; free from burnt, scorched, or grayish color; and free from insects, insect webbing, dirt or other extraneous matter.

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VIRGINIA—A spectacular increase in stand with low-vitality soybean seed was obtained with "Arasan" treatment according to an official Virginia Plant Pathology report.

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Many seedsmen now treat all their seed with "Arasan." For best results, specify "Arasan"-treated seed. If the seed is not treated, an elevator or custom treater can do the job efficiently. Or if you prefer to treat your own seed, just follow

directions on the can. For further information, write Du Pont, Seme-san Section, Wilmington 98, Delaware.

On all chemicals always follow directions for application. Where warning or caution statements on use of the product are given, read them carefully.

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U. S. DEPARTMENT OF AGRICULTURE

USDA agencies with relationship to soybeans. (Washington 25, D. C., unless otherwise noted.)

PRODUCTION RESEARCH

Agronomic Research

Bureau of Plant Industry, Soils and Agricultural Engineering, Beltsville, Md.:
Division of Forage Crops and Diseases,
M. G. Weiss.

The agronomic research of the soybean project in this division consists of fundamental and applied research of regional scope and is cooperative with 26 state agricultural experiment stations. Fundamental research includes determination of basic principles in soybean genetics, plant breeding, physiology, and cultural practices. Applied research includes development of varieties with superior agronomic and compositional characters and determination of cultural practices that will give optimum production in all regions of potential soybean production in the U. S.

U. S. Regional Soybean Laboratory, 205 Davenport Hall, Urbana, Ill. J. L. Cartter.

Staff: Floyd I. Collins, chemist; Orlando A. Krober, chemist; Robert W. Howell, physiologist; Robert D. Osler, breeder; Carolyn Younger, secretary.

Field

**Adams, M. W., Agricultural Experiment Station, Brookings, S. Dak.

**Bashaw, Elexis C., Agricultural Experiment Station, College Station, Tex.

**Brown, Otto, Gulf Coast Substation, Fairhope, Ala.

**Gibson, P. G., Agricultural Experiment Station, Auburn, Ala.

**Gore, Ulys R., Agricultural Experiment Station, Experiment, Ga.

**Gray, John P., Agricultural Experiment Station, Baton Rouge, La.

**Hanway, Donald G., Agricultural Experiment Station, Lincoln 1, Nebr.

Hartwig, Edgar E., coordinator for Southern states, Delta Experiment Station, Stoneville, Miss.

Johnson, Herbert W., Dept. of Agronomy, N. C. State College, Raleigh, N. C.

**Kramer, Herbert H., Agricultural Experiment Station, Lafayette, Ind.

**Lambert, Jean W., Agricultural Experiment Station, University Farm, St. Paul 8, Minn.

Leffel, Robert C., Agricultural Experiment Station, College Park, Md.

**Matlock, Ralph S., Agricultural Experiment Station, Stillwater, Okla.

**Neely, Robert D., Agricultural Experiment Station, Columbia, Mo.

**O'Kelly, J. Fred, Agricultural Experiment Station, State College, Miss.

**Paden, William R., Agricultural Experiment Station, Clemson, S. C.

**Pettigrove, Herbert R., Agricultural Experiment Station, East Lansing, Mich.

Probst, Albert H., Agricultural Experiment Station, Lafayette, Ind.

**Saboe, Lewis C., Dept. of Agronomy, Ohio State University, Columbus, Ohio.

**Skold, L. N., Agricultural Experiment Station, Knoxville, Tenn.

**Smith, Paul E., Agricultural Experiment Station, Fayetteville, Ark.

**Smith, R. L. N., Florida Agricultural Experiment Station, Quincy, Florida.

**Smith, T. J., Agricultural Experiment Station, Blacksburg, Va.

**Stephens, James L., Coastal Plain Experiment Station, Tifton, Ga.

**Stoa, Theodore E., Agricultural Experiment Station, Fargo, N. Dak.

**Torrie, James H., Dept. of Agronomy, University of Wisconsin, Madison 6, Wis.

Williams, Leonard F., Agricultural Experiment Station, Columbia, Mo.

Weber, Charles R., Agronomy Bldg., Iowa State College, Ames, Iowa.

**Zahnley, J. W., Dept. of Agronomy, Agricultural Experiment Station, Manhattan, Kans.

*Part time with Soybean Laboratory.

**Collaborator without pay.

Disease Research

Bureau of Plant Industry, Soils and Agricultural Engineering, Beltsville, Md.:
Division of Forage Crops and Diseases,
K. W. Kreitlow, M. G. Weiss, H. S. Sherwin.

The disease research of the soybean project in this division consists of fundamental research on disease organisms attacking soybeans and plant organism relationships, and applied research on disease control measures and determination of genetic resistance of varieties and strains to diseases.

Field

***Athow, Kirk L., Agricultural Experiment Station, Lafayette, Ind.

Chamberlain, Donald W., Regional Soybean Laboratory, Urbana, Ill.

***Dunleavy, John, Agricultural Experiment Station, Ames, Iowa.

**Kernkamp, M. F., University Farm, University of Minnesota, St. Paul 1, Minn.

Kilpatrick, R. A., Delta Branch Experiment Station, Stoneville, Miss.

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CONSULTATION AND DESIGN



U. S. DEPARTMENT OF AGRICULTURE—(Continued)

****Lehman, S. G.,** Agricultural Experiment Station, Raleigh, N. C.

****Stroube, William H.,** Agricultural Experiment Station, Baton Rouge, La.

****Tucker, C. M.,** Agricultural Experiment Station, Columbia, Mo.

****Collaborator without pay.**

*****Part time with Division of Forage Crops and Diseases.**

Entomological Research

Bureau of Entomology and Plant Quarantine: Division of Cereal and Forage Insect Investigations.

UTILIZATION RESEARCH

Bureau of Agricultural and Industrial Chemistry:

Northern Regional Research Laboratory, Peoria 3, Ill., R. T. Milner, director; H. E. Roethe, assistant director.

Oil and Protein Division—Dr. J. C. Cowan, head.

Investigations are conducted on both the fundamental and practical aspects of the flavor stability of the oil, on the modification of soybean oil, meals, flour and protein for foods, and protective coatings and other industrial uses.

Fermentation Division—Dr. R. W. Jackson, head.

The soybean research of this division includes evaluations of soybean products and byproducts as nutritional supplements for microorganisms utilized in fermentation processes. The division also has done considerable work on soya sauce.

Engineering and Development Division—Dr. C. T. Langford, head.

The soybean research of this division is conducted on a pilot-plant scale in its oilseed section. The work at present covers improvements in the refining of soybean oil for edible purposes, and the development of a margarine-like spread suitable for use in military rations in both cold and hot climates.

Southern Regional Research Laboratory, New Orleans, La., C. H. Fisher, director.

Bureau of Animal Industry: Animal Husbandry Division, Beltsville, Md.

Bureau of Dairy Industry: Division of Nutrition and Physiology, Beltsville, Md.

Bureau of Human Nutrition and Home Economics: Food and Nutrition Division, Beltsville, Md.

MARKETING RESEARCH

Production and Marketing Administration: Grain Branch, Marketing News and Services Division; Seed Act Division, Beltsville, Md.; Agricultural Conservation Programs Branch; Fats and Oils Branch.

Bureau of Agricultural Economics: Division of Field Crops Statistics; Division of Statistical and Historical Research; Division of Farm Management and Costs.

FOREIGN RELATIONS

Office of Foreign Agricultural Relations: International Commodities Branch, Fats and Oils Division.

Bureau of Plant Industry, Soils and Agricultural Engineering: Division of Plant Exploration and Introduction.

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Many farmers now use LEGUME-AID without first moistening the seed, although printed directions will not be changed until government agronomists approve waterless application. Until then, we suggest that those who wish to try it apply LEGUME-AID without water on only part of their seed and moisten the rest. Then compare results. Be sure to tell your dealer you want LEGUME-AID, famous as "The Inoculant in the Carton."



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TERMINOLOGY

Definitions and Product Descriptions for the Soybean Industry

SOYBEAN—The soybean is a legume the botanical name of which is *Glycine max* (L.) Merrill. It has been grown since prehistoric times in China and was first introduced into the United States early in the 19th century. The term "soybean" has been accepted as standard in the U. S. in preference to Oriental and other forms such as: soya bean, soy bean, soyabean and soja bean. It is incorrect to use the word "beans" when referring to soybeans.

SOYBEAN PROCESSOR—A man or firm who makes a business of removing oil from soybeans. The word "processor" has been adopted by the industry in preference to older terms applied to various branches of the vegetable oil milling industry, such as crushers, pressers and millers.

PROCESSES—Three processes are employed in the U. S. in removing soybean oil from soybeans. They are:

1. **Screw Press Process**—A continuous pressing process, at elevated temperatures, which utilizes a worm shaft continuously rotating within a pressing cylinder or cage to express the oil from soybeans after they have been crushed and properly dried. The term "Expeller" is copyrighted by the V. D. Anderson Co. of Cleveland, Ohio, as applying to the particular type of mechanical screw press which they manufacture. Therefore it is technically incorrect to refer to all screw presses as "Expellers" and to all screw press products as "expeller" products. The French Oil Mill Machinery Co. of Piqua, Ohio, call their screw press the mechanical screw press.

2. **Solvent Extraction Process**—A process whereby flaked soybeans are leached or extracted with petroleum hydrocarbons, alcohols or organic solvents such as hydrocarbons or chlorinated hydrocarbons, to remove the oil. Ninety-five to ninety-eight percent of the oil in the soybeans is recovered by this process whereas the screw press and the hydraulic processes remove about 75 to 80 percent. This is the most recently developed process. The products are known in the trade as extracted products; for example, extracted soybean oil and extracted soybean oil meal. The Association of Feed Control Officials has recently ruled, however, that soybean oil meal processed in this manner for the feed trade shall be labeled "solvent extracted soybean oil meal." The term "new process" was formerly used to designate products of this process.

3. **Hydraulic Process**—An intermittent pressing operation carried out at elevated temperatures in a hydraulic press after the beans have been rolled into flakes and cooked. It is the oldest process employed in the vegetable oil milling industry. It is often referred to as the "old process" and its products such as oil cake and oil meal are often referred to as "old process" products.

SOYBEAN OIL—There are several types of soybean oil which might be broadly classified as follows:

1. **Crude Raw Soybean Oil**—This is sometimes incorrectly referred to as crude soybean oil. This product is the unrefined crude oil of any one of the three processes. It is customary to filter and/or settle the oil after it has come from the process, as the standard trade specifications exact this procedure.

There are three types of crude raw soybean oil:

- Crude extracted soybean oil.
- Crude screw press soybean oil.
- Crude hydraulic pressed soybean oil.

2. **Edible Refined Soybean Oil**—As the name implies this is a refined soybean oil which has been subjected to special treatment for use in food products. While there are some innovations being introduced the conventional refining procedure for producing edible refined soybean oil is carried out in four steps. They are alkali refining, bleaching, winterizing and deodorizing. Edible refined soybean oils are further classified as salad oils and cooking oils, and are also used in the manufacture of a variety of mayonnaisse, relish and sandwich spreads.

3. **Hydrogenated Soybean Oil**—As the name implies, this product has been subjected to hydrogenation which results in changing a liquid oil to a plastic semi-solid fat. Hydrogenated soybean oil is used in both the edible and technical fields.

4. **Technical Refined Soybean Oil**—for the technical trade—There are a wide variety of oils in this group involving individual or combined processes which according to trade usage or technical requirements may be broadly classified as follows:

- a. Water washed.
- b. Centrifuged, clarified and degummed.
- c. Acid refined.
- d. Alkali refined.
- e. Bleached.
- f. Kettle bodied or polymerized.
- g. Air blown or oxidized.
- h. Sulfonated.
- i. Chlorinated.
- j. Catalytic refined.
- k. Solvent refined: 1. Pittsburgh Plate Glass Co. patented process; 2. M. W. Kellogg Co. patented process (Solexol).
- l. Molecular distilled (Distillation Products Inc. patented process).

SOYBEAN FATTY ACIDS—When the glycerine in soybean oil is split off by any method of hydrolysis, fatty acids are obtained which may be classified as follows according to the subsequent treatment to which they have been subjected:

- 1. Crude mixed soybean fatty acids.
- 2. Distilled soybean fatty acids.
- 3. Fractionally distilled soybean fatty acids (Armour & Co. patented process).
- 4. Solvent fractionated soybean fatty acids.
- 5. Low temperature crystallized soybean fatty acids.

SOYBEAN SOAP STOCKS—Soap stock is the byproduct that results from the alkali refining of soybean oil.

1. Soybean soap stock—contract grade should contain not less than 30% total fatty acid.

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TERMINOLOGY—(Continued)

2. Acidulated soybean soap stock—contract grade should contain not less than 85% total fatty acid.

SOYBEAN LECITHIN—Soybean lecithin as offered to the trade is actually a mixture of lipid materials and consists of lecithin, cephalin, and inositol phosphatides together with glycerides and traces of tocopherols, glucosides and pigments.

The mixture is usually obtained from crude extracted soybean oil by what is known as a degumming process. The carefully filtered crude oil is agitated with hot water and the hydrated and emulsified phosphatides are separated by a centrifuge. The emulsion is then dehydrated by heat and vacuum. The emulsion may also be subjected to additional treatments to produce the commercial grades to which the following descriptive terms may be applied:

Plastic or firm consistency; soft consistency; fluid; unbleached; bleached; and double bleached.

The two types of lecithin as recognized by the trade are:

1. **Crude Soybean Lecithin**—All grades of soybean lecithin obtained by the above or similar processing methods may be listed as crude soybean lecithins for such purposes as freight tariff classification.

2. **Refined Lecithin**—Refined lecithins are obtained by drying phosphatide mixtures and washing them with acetone to remove any oil or fatty acids originally included in the mixture. The acetone washed product may be finished for sale in two forms, namely:

a. Dry, oil-free lecithin.

b. Lecithin with another oil or fat substituted as a carrier in place of the oil originally found in the phosphatide mixture, e.g., lecithin with cocoa butter carrier.

BREAK MATERIAL—The material that separates from crude oil when it is heated to 550° F. It is mainly phosphatides and mucilaginous materials and their decomposition products.

SLUDGE—Sludge is the solid residue which cannot be pumped or squeegeed from the car or tank.

SOYBEAN FEEDS—Standard definitions adopted by the American Feed Control Officials, Inc., and the National Soybean Processors Association, with some modifications and revisions.

1. **Ground Soybeans**—The product obtained by grinding whole soybeans without cooking or removing any of the oil. (This product is sometimes erroneously called soybean meal, thus confusing it with soybean oil meal.)

2. **Soybean Oil Cake or Soybean Oil Chips**—The product obtained from soybeans after removal of part of the oil by pressure. A name descriptive of the process of manufacture, such as screw press or hydraulic press, shall be used as part of the brand name. It shall be designated and sold according to its protein content.

3. **Soybean Oil Meal**—Soybean oil cake or soybean oil chips that have been ground, or solvent extracted soybean flakes that

for bigger and better soybean yields FOUR LEAF POWDERED ROCK PHOSPHATE



Soybeans are heavy users of phosphorus. Tests show that, on the average, a soybean crop will remove twice as much of this vital plant nutrient as a comparable corn crop.

To get peak production and top quality, you have to replace this phosphorus and furnish an additional supply for the crops that follow.

The most practical and economical way to do this is with FOUR LEAF Powdered Rock Phosphate. Four Leaf is ground finer than flour for greater usability and quicker action. It will not leach out . . . stays in the ground until dissolved by the soil and the plant's own root acids. A generous application of Four Leaf Powdered Rock Phosphate will give you immediate results and will increase soil fertility for years.

Thomson Phosphate Dept.

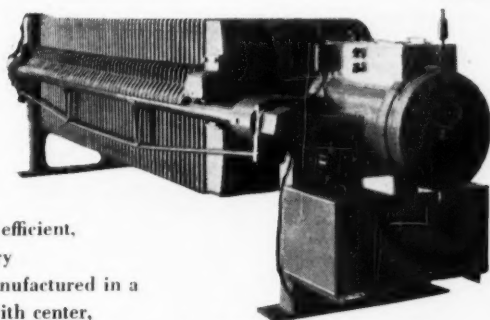
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Leaders in the soybean industry specify Sperry for efficient, economical filtration. Sperry Plate Filter Presses are manufactured in a wide variety of materials with center, side, or corner feed—open or closed delivery. Available in many standard and special sizes to suit your requirements. For the answers to your filtration problems consult a Sperry engineer.

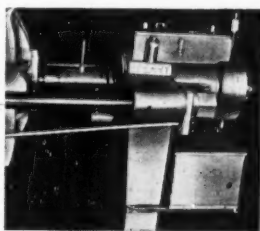
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Sperry carries a complete line of filter bases. Bases of cotton, paper, wool, synthetics, glass and woven metals are available as well as special cloths to meet unusual requirements.

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Six different types of closing devices are available from Sperry. The latest development is the EHC-L Electric Hydraulic Closing Device which provides a simple, positive, and precise means of press closing.



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TERMINOLOGY—(Continued)

have been cooked and ground. A name descriptive of the process of manufacture, such as screw press, hydraulic, or solvent extracted shall be used in the brand name.

4. **Screw Press Soybean Oil Chips**—The product obtained after expressing part of the oil from soybeans by crushing, cooking and mechanical pressure using an expeller, screw press, or any other mechanical press. It shall be designated and sold according to its protein content.

5. **Screw Press Soybean Oil Meal**—The product obtained by grinding screw press soybean oil chips. It shall be designated and sold according to its protein content.

6. **Hydraulic Soybean Oil Cake**—The product obtained after expressing part of the oil from soybeans by crushing, cooking, and hydraulic pressure. It shall be designated and sold according to its protein content.

7. **Hydraulic Soybean Oil Meal**—The product obtained by grinding hydraulic soybean oil cake. It shall be designated and sold according to its protein content.

8. **Solvent Extracted Soybean Flakes**—The product obtained after extracting most of the oil from soybeans by cracking, heating, flaking and the use of solvents. After extraction of the oil the product is cooked. It shall be designated and sold according to its protein content. (Proposed 1952.)

9. **Solvent Extracted Soybean Oil Meal**—The product obtained from cooking and grinding solvent extracted soybean flakes. It shall be designated and sold according to its protein content.

10. **Soybean Mill Feed**—The byproduct resulting from the manufacture of soybean flour or grits and is composed of soybean hulls and the offal from the tail of the mill.

11. **Soybean Hulls**—The product consisting of the outer covering of the soybean.

12. **Solvent Extracted Soybean Feed**—The material obtained as a residue after the partial removal of protein and nitrogen-free extract from solvent extracted soybean flakes or solvent extracted soybean oil meal. It shall be designated and sold according to its protein content.

13. **Dehulled Solvent Extracted Soybean Flakes**—The products obtained after extracting most of the oil from dehulled soybeans by cracking, heating, flaking and the use of solvents. After extraction of the oil the product is cooked. It shall contain not more than 3 percent crude fiber and shall be designated and sold according to its protein content. (Proposed 1952.)

14. **Dehulled Solvent Extracted Soybean Oil Meal**—The product resulting from grinding dehulled solvent extracted soybean flakes. It shall contain not more than 3 percent crude fiber and shall be designated and sold according to its protein content. (Proposed 1952.)

15. **Soybean Cubes or Pellets**—Soybean oil meal which has been processed through a cubing or pelleting machine. The product shall be firm but not flinty, of sweet odor and free from mold. It must be designated and sold according to its protein content and its name must include one of the terms "hydraulic," "expeller," or "sol-

Randolph Grain Driers

DIRECT HEAT OR STEAM CONTINUOUS FLOW MADE IN ALL SIZES

THIS DISTINGUISHES THE BEST FROM THE REST

WORLD'S CAPITOL OF THE SOYBEAN INDUSTRY

* DECATUR, ILLINOIS *

	Drying Capacity Bushels Per Hour	Fuel used
A. E. Staley Mfg. Co.	11,000	Gas.
Spencer-Kellogg Co.	2,000	Oil.
Archer-Daniels-Midland Co.	2,000	Oil.

**THESE PLANTS ARE ALL EQUIPPED WITH RANDOLPH
DIRECT HEAT GRAIN DRIERS.**

There are more Randolph Driers used in The Soy Bean Industry than all other makes of driers combined. They may be equipped to operate with Gas or Oil. All Randolph Driers are operated on a Push Button System so that when the button is pressed on the Automatic Temperature Control System, it immediately starts the flow of beans from the garner above the drier, thru the drying chamber, thru the cooler and to the Swinging Discharge below the cooler.

O. W. RANDOLPH COMPANY

TOLEDO, OHIO — U. S. A.

Increase YOUR Soybean Profits with Modern Machines



▶ GET ALL THE CROP AT LOWEST COST PER BUSHEL

You can *cut costs* and *save time* from the time of planting to the time of harvesting your soybeans with quality MM Modern Machines and Visionlined Tractors. MM farm implements are world-famous for reducing labor, increasing profits and providing *dependable, economical* service season after season. The advanced design of MM Disc Harrows, Plows, Planters, Harvestors and Visionlined Tractors assure you that the job will be done *right, on time, every time!*

Dependable MM Visionlined Tractors Are Built To Do The Work ◀



The MM Harvester "69" is famous for getting *all* the crop, *on* time, *every* time.

MM Visionlined Tractors get more work done with lower fuel and labor costs per acre of crop handled. The MM Visionlined design provides the operating vision which is so necessary in working soybeans. And, you save both time and money with MM Quick-On—Quick-Off system of tractor attached machines. MM Visionlined Tractors are built in four "power-packed" models . . . Z, R, U, and G. There's one exactly right for your particular needs.

MINNEAPOLIS-MOLINE
MINNEAPOLIS 1, MINNESOTA

TERMINOLOGY—(Continued)

vent extracted" to specify the method of manufacture of the source material. (Tentative.)

FEEDS—Standard specifications of the National Soybean Processors Association.

1. **Soybean Chips, Soybean Oil Cake, and 41% Protein Soybean Oil Meal**—Produced by cooking ground soybeans and reducing the oil content of the cooked product by pressure to 6% or less on a commercial basis. Standard specifications are as follows:

Protein	Minimum	41.0%
Fat	Minimum	3.5%
Fiber	Maximum	7.0%
N.F.E.	Minimum	27.0%
Moisture (when shipped by seller)	Maximum	12.0%

2. **Soybean Flakes and 44% Protein Soybean Oil Meal**—Produced by conditioning ground soybeans and reducing the oil content of the conditioned product by the use of solvents to 1% or less on a commercial basis. Standard specifications are as follows:

Protein	Minimum	44.0%
Fat	Minimum	0.5%
Fiber	Maximum	7.0%
N.F.E.	Minimum	27.0%
Moisture (when shipped by seller)	Maximum	12.0%

SOY FLOUR—There are three types of soy flour, as follows:

1. **Full-Fat Soy Flour**—As it is not processed for oil extraction, it contains all of the fat originally found in the soybean, or over 20%. Higher in calorie content than the low-fat or defatted types.

2. **Low-Fat Soy Flour**—Made by a continuous mechanical pressing method in which the greater part of the oil is removed.

3. **Defatted Soy Flour**—Made by solvent extraction process. Contains less than 2% fat. Protein content of this type ranges up to 53%.

SOY FLAKES—Produced by the solvent extraction process. The particle size can be varied within production limits to meet specifications and trade demands.

SOY MEATS AND GRITS—Meats correspond to full-fat soy flour and grits to low-fat flour or defatted flour, except that they are coarsely, not finely ground.

SOYBEAN PROTEINS

1. **Soybean Protein Flakes**—Full fiber soybean flakes freed of oil by solvent extraction and dried by processes which denature the protein to a minimum extent so that a high percentage of it remains soluble or dispersible in water. The flakes are usually ground to fine particle size before being used.

2. **Mechanically Refined Soybean Protein Flakes**—Flakes processed in the same manner as soybean protein flakes except that hulls are removed and the fiber content reduced by mechanical means.

3. **Isolated Soybean Protein**—Obtained by treating soybean protein flakes chemically so as to remove cellulose, sugar and other non-protein ingredients. Used in water emulsion paints and paper coatings.

4. **Soy Albumins**—Water dispersible soybean protein modified for use in whipping compounds or as aerating agents. Used in meringues, marshmallows and other confections.

5. **Gelsoy**—Developed by the Northern Regional Research Laboratory. Obtained by washing soybean protein flakes with alcohol and extracting the protein with water. Besides having good whipping characteristics Gelsoy forms gels which are irreversible after being heated.

IN OHIO, INDIANA AND ILLINOIS 97,255,300
BUSHELS OF SOYBEANS, OR 34.67 PERCENT OF
THE ENTIRE U. S. CROP WERE GROWN WITHIN
25 MILES OF THE NICKEL PLATE ROAD.

WE HAVE SEVERAL GOOD LOCATIONS
FOR PROCESSING PLANTS.

NICKEL PLATE ROAD

Industrial Development Department
Cleveland, Ohio

PAINTING
and
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or Dismantled**

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2012 Burlington Street

Phone Norclay 3365

NORTH KANSAS CITY 16, MISSOURI

WEIGHTS AND MEASURES

SOYBEANS

1 bu.....	60 lbs. (legal weight) (Minimum test weight 56 lbs.)
1 cu. ft.....	45 lbs. (Figured at 56 lbs. test weight)

SOYBEAN OIL

1 cu. ft.....	56.84 to 57.97 lbs.
---------------	---------------------

Figures supplied by different processors of soybeans. Density of soybean oil varies slightly with different lots and considerably with temperature. It is reported to range from 0.922 to 0.934 gram per cc. at 49° F., and from 0.915 to 0.920 at 77° F.

One firm reports the following pound-per-cubic-foot weights of soybean oil at various temperatures:

60° F.	57.62
70° F.	57.39
100° F.	56.73

Another supplies the following figures:
 1 gal. at 60° F. (average).....7.695 lbs.
 Specific heat at 185° F.....0.579 cal./gm.
 Viscosity at 25° C.....51.0 centipoises
 Coefficient of expansion (approx.)... .00038

SOYBEAN LECITHIN

1 cu. ft.....	65.82 lbs.
---------------	------------

SOYBEAN OIL MEAL

1 cu. ft.....	38 lbs. Expeller, 41%
---------------	--------------------------

Solvent Extracted, 44%

1 cu. ft.	36 to 38 lbs.
----------------	---------------

Above figures are given by most processors queried. However one processor lists both 41% and 44% soybean oil meal as weighing 41.12 pounds per cubic foot. Meals of higher protein content generally weigh above 40 pounds per cubic foot. Bulk density of soybean oil meals varies according to particle size and moisture content, percentage of hulls, amount of vibration to which container is subjected during filling, temperature, granulation and age of sample.

One processor supplies the following figures:

	per cu. ft.
Fresh production 110° F.....	38.3 lbs.
After quick cooling to 80° F.....	40.7 lbs.
After 24 hrs. cooling to 45° F.....	41.5 lbs.

SOYBEAN PELLETS

	44%, ¼-in. to ½-in.
1 cu. ft.....	41.12 lbs.
	44%, 1-in.
1 cu. ft.....	38.55 lbs.

SOY FLOUR, DEFATTED

1 cu. ft.....	30.84 lbs.
---------------	------------

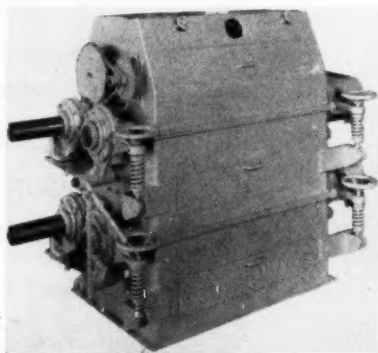
Figures for soybean pellets and soy flour are from one processor only.

BARNARD & LEAS

The B & L, 10 x 42 Two Pair High Mill is the choice of a large number of soybean processors.

Extra heavy duty roller bearings - Ansonia rolls - our special type corrugations - modern design - make this mill your best buy.

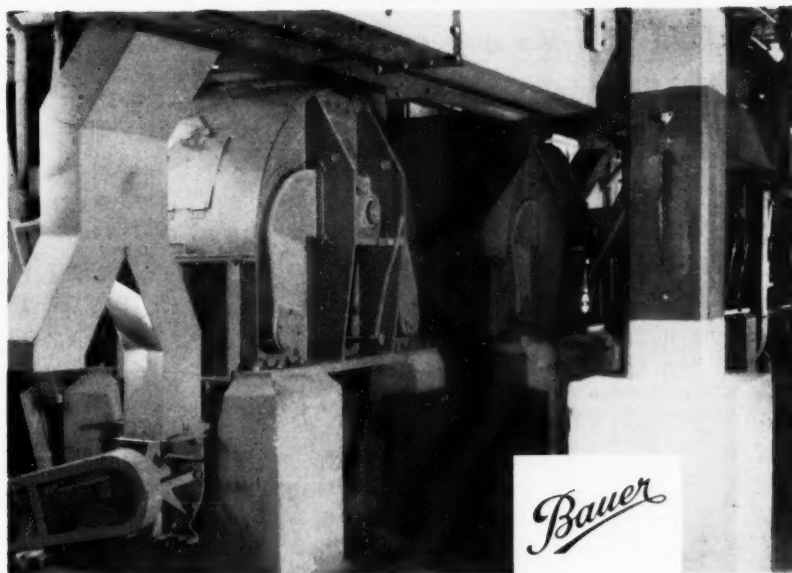
*Complete equipment
for soybean
processing*



BARNARD & LEAS MFG. CO., INC.

Cedar Rapids, Iowa

Quality grain processing machinery since 1854



Improved mill for grinding cakes and residues

Here's the hammer mill — the Bauer No. 406—designed to give you the new specifications for meal from oil cakes and residues. We built it after getting the requirements from the vegetable oil processors in America.

First of all, there's a Bauer Permanent Magnetic Separator in the feed spout — the patented triple-air-gap separator — to catch tramp iron and steel.

Construction of the mill is extremely heavy and rugged to stand up and take the abrasion a meal grinder gets.

The hammers are alloy steel, tungsten carbide tipped. And

you can get double the life of the hammers through using both edges, by simply reversing the rotation of the mill. Hammers do not have to be turned.

Because the mill operates at relatively low speed, materials are reduced to granules instead of being whipped to powder. And the little dust created is kept inside the mill by return ducts which recirculate the air. This is an advantage in installations that do not employ pneumatic collecting systems.

You can get all the specifications and data from us. Write, wire, or phone.

THE BAUER BROS. CO.
1744 Sheridan Ave., Springfield, Ohio

SOYBEAN PRODUCTION—UNITED STATES

SOYBEANS: ACREAGE, YIELD AND PRODUCTION IN THE UNITED STATES, 1921-52

Year	Grown Alone	Acres Planted		Acres Harvested For Beans**	Grazed or Plowed Under	Average Yield Per Acre Harv. For Beans	Total Production For Beans	
		inter-planted*	Equivalent Solid**				Thousand Bushels	Thousand Tons
		Thousand Acres		Thousand Acres		Bushels		Tons
1924	1567	417	1782	448	1147	11.0	1.13	4947
25	1539	476	1785	415	1175	195	1.01	4875
26	1871	502	2127	466	1431	230	1.18	5239
27	2057	571	2350	568	1556	226	1.22	6938
28	2154	556	2439	579	1609	251	1.23	7880
29	2429	743	2807	708	1774	325	1.16	9438
1930	3072	786	3473	1074	2062	337	.94	13929
31	3835	909	4304	1141	2772	391	1.26	17260
32	3704	893	4165	1001	2738	426	1.25	15158
33	3537	813	3957	1044	2506	407	1.16	13509
34	5764	858	6207	1556	4227	424	1.08	23157
35	6966	1028	7503	2915	4044	544	1.34	48901
36	6127	2115	7183	2359	3116	1708	.96	33721
37	6332	2261	7464	2586	3469	1409	1.36	46164
38	7318	2541	8587	3035	3724	1828	1.43	61906
39	9565	2710	10920	4315	4590	2015	1.48	90141
1940	10487	2589	11782	4807	4819	2156	1.34	78045
41	10068	2555	11345	5889	3546	1910	1.30	107197
42	13696	2426	14912	9894	2621	2397	1.36	187524
43	14191	2475	15428	10397	3177	1854	1.21	190133
44	13118	1861	14050	10245	2577	1228	1.18	192121
45	13056	1505	13807	10740	1940	1127	1.26	193167
46	11706	1458	12434	9932	1499	1003	1.28	203395
47	13052	1408	13755	11411	1292	1052	1.22	186451
48	11987	1259	12617	10682	1111	824	1.30	227217
49	11872	1165	12456	10482	1130	844	1.32	234194
1950	15129	1228	15744	13814	1047	883	1.31	299279
51	15190	1088	15735	13545	973	1217	1.25	282477
52†	15643	984	16136	14075	1171	890	1.10	291682

* Grown with other crops.

** Acreage grown alone, with an allowance for acreage grown with other crops.

† Preliminary.

Source of data: Bureau of Agricultural Economics, U. S. Department of Agriculture.

SOYBEANS: ACREAGE, YIELD AND PRODUCTION IN THE UNITED STATES, BY STATES, 1952*

State	Grown Alone	Acres Planted		Acres Harvested For Beans†	Grazed or Plowed Under	Average Yield Per Acre Harv. For Beans	Total Production For Beans	
		inter-planted**	Equivalent Solid†				Thousand Bushels	Thousand Tons
		Thousand Acres		Thousand Acres		Bushels		Tons
United States	15643	984	16136	14075	1171	890	20.7	291682
Alabama	166	7	170	92	68	10	19.0	.80
Arkansas	952	88	996	866	100	30	16.0	.90
Delaware	67	—	67	58	7	2	17.0	1.35
Florida	14	—	14	12	—	2	20.0	—
Georgia	90	76	128	32	36	60	10.5	.95
Illinois	3649	—	3649	3547	84	18	24.0	1.10
Indiana	1728	—	1728	1638	69	21	23.5	1.35
Iowa	1491	—	1491	1474	10	7	25.5	1.75
Kansas	703	—	703	640	35	28	11.5	1.05
Kentucky	220	14	227	114	95	18	15.5	1.20
Louisiana	130	255	258	41	17	200	14.5	1.05
Maryland	94	—	94	75	15	4	18.0	1.45
Michigan	105	—	105	92	4	9	19.0	1.40
Minnesota	1197	—	1197	1155	6	36	19.0	1.55
Mississippi	618	63	650	455	130	65	13.5	1.05
Missouri	1801	46	1824	1724	55	45	19.0	1.20
Nebraska	90	—	90	88	—	2	26.0	—
New Jersey	36	—	36	20	7	9	20.5	1.70
New York	7	—	7	5	—	2	17.5	—
North Carolina	432	153	508	290	127	91	16.5	1.05
North Dakota	31	—	31	29	1	1	12.5	1.20
Ohio	985	—	985	940	26	19	22.0	1.45
Oklahoma	154	—	154	82	39	33	19.5	.90
Pennsylvania	37	—	37	19	15	3	19.0	1.65
South Carolina	132	106	185	98	33	54	11.5	.95
South Dakota	89	—	89	85	—	4	15.0	—
Tennessee	326	118	385	181	142	62	20.0	1.00
Texas	5	—	5	—	1	4	—	.70
Virginia	224	58	253	174	33	46	17.0	1.30
West Virginia	9	—	9	1	7	1	15.0	1.60
Wisconsin	61	—	61	48	9	4	17.0	1.95

* Preliminary.

** Grown with other crops.

† Acreage grown alone, plus one-half the interplanted acreage.

Source of data: Bureau of Agricultural Economics, U. S. Department of Agriculture.

SOYBEAN PRODUCTION—(Continued)

SOYBEANS: SUPPLY AND UTILIZATION IN THE UNITED STATES, 1924-1952

Year Beginning October 1	Total Stocks Oct. 1*	Supply			Total Supply†	Seed	Utilization			Carryover Sept. 30, 7/
		Produce- tion**	Imports for Con- sumption				Processed for Oil and Meal	Exports‡	Other Uses†	
1,000 BUSHEL										
1924-25	5	4,947	60	5,012	1,900	1,207	307	—	1,596	2
1925-26	2	4,875	71	4,948	2,289	1,174	351	—	1,134	8/
1926-27	8/	5,239	67	5,306	2,525	1,311	335	—	1,133	2
1927-28	2	6,938	70	7,010	2,687	1,631	559	—	2,133	8/
1928-29	8/	7,880	77	7,957	2,984	1,473	882	—	2,548	70
1929-30	70	9,438	64	9,572	3,762	1,730	1,666	—	2,298	116
1930-31	116	13,929	54	14,099	4,724	2,763	4,069	—	2,049	494
1931-32	494	17,260	49	17,803	4,633	2,867	4,725	2,161	3,295	122
1932-33	122	15,158	13	15,293	4,490	2,264	3,470	2,450	2,561	58
1933-34	58	13,509	6	13,573	7,615	2,111	3,054	—	767	26
1934-35	26	23,157	5	23,188	10,066	2,036	9,105	19	1,643	319
1935-36	319	48,901	4	49,224	8,875	3,898	25,181	3,490	7,419	361
1936-37	361	33,721	17	34,099	9,539	2,741	20,618	889	293	293
1937-38	293	46,164	3	46,460	10,947	3,273	30,310	1,392	198	340
1938-39	340	61,906	3	62,249	14,667	4,554	44,648	4,424	-7,009	965
1939-40	965	90,141	2	91,108	15,974	5,365	56,684	10,979	-7,013	393
1940-41	393	78,045	1	78,439	15,141	4,999	64,056	284	-6,731	690
1941-42	690	107,197	8/	107,887	20,385	3,925	77,151	489	-6,72	6,009
1942-43	6,009	187,524	8/	193,533	20,980	6,016	133,454	917	19,629	12,537
1943-44	12,537	190,133	8/	202,670	19,758	5,496	142,306	962	19,995	14,153
1944-45	14,153	192,121	4	206,278	18,911	3,529	153,402	5,090	17,607	7,739
1945-46	7,739	193,167	8/	200,906	16,745	3,727	159,460	2,858	13,760	4,356
1946-47	4,356	203,395	8/	207,751	17,455	2,638	170,245	3,880	8,140	5,393
1947-48	5,393	186,451	8/	191,844	16,066	2,503	161,397	2,972	6,289	2,617
1948-49	2,617	227,217	7	229,841	15,945	2,805	183,664	23,015	1,231	3,181
1949-50	3,181	234,194	4	237,379	19,021	2,506	195,265	13,142	4,538	2,907
1950-51	2,907	299,279	2	302,188	18,225	2,530	251,390	27,833	-2,549	4,159
1951-52	4,159	282,477	1	286,637	19,097	2,726	244,380	17,046	-176	3,564
1952-53§§	3,564	291,682								

*Factory and warehouse stocks only, through Oct. 1, 1941; total stocks, Oct. 1, 1942 and subsequently.

**Crop of year listed first, e.g., the 1924 crop was 4,947,000 bushels. †Sum of stocks, production and imports. The "total supply" figures for years previous to 1942-43 are incomplete to the extent that they do not include stocks on farms, in country elevators, and at terminal markets. (Such stocks were not reported previous to Oct. 1, 1942.) ‡Figures are not adjusted for new crop soybeans used in September. §Fed to livestock on farms where produced. ¶Data not available for years previous to 1931-32. Includes shipments to U. S. territories, 1937-38 through 1950-51. ¶Residual item. This includes soybeans fed to livestock other than on farms where the soybeans were produced. It may also include small quantities used for human food. Prior to 1931-32 it includes exports. Prior to 1937-38 it includes shipments to U. S. territories. The minus quantities shown for some years are explainable largely by unreported stocks (prior to Oct. 1942) and by the use of new crop soybeans in September of year of production. 7/ Factory and warehouse stocks only, through September 30, 1941; total stocks, Sept. 30, 1942 and subsequently. 8/ Less than 500 bushels. §§ Preliminary. Source of data: Bureau of Agricultural Economics, U. S. Department of Agriculture.

VALUE OF U. S. SOYBEAN CROP

SOYBEANS FOR BEANS: Value of Production, United States and specified States, 1925-52

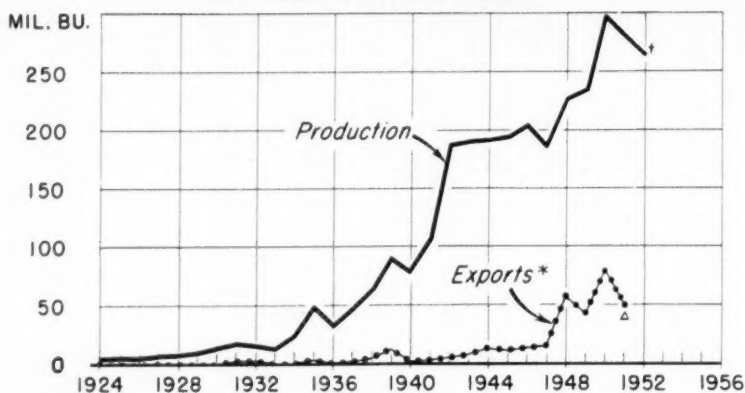
Year	U.S.	Illinois	Iowa	Indiana	Ohio	Missouri	Minnesota
Thousands of Dollars							
1925	11,430	3,077	260	872	571	905	—
1930	19,058	8,225	1,350	2,495	651	1,584	—
1935	35,565	18,983	4,510	4,879	1,771	1,140	76
1940	70,224	29,675	12,478	8,929	8,168	1,601	779
1941	166,042	77,411	24,341	21,337	20,336	3,462	1,752
1942	301,137	108,830	56,013	42,472	38,073	11,304	5,288
1943	345,032	129,881	65,743	43,461	45,851	15,714	5,929
1944	393,893	151,086	79,485	51,685	44,629	21,457	8,088
1945	402,234	156,416	73,143	58,889	39,935	19,843	13,860
1946	522,140	196,610	94,707	66,048	40,310	36,618	28,417
1947	621,477	221,869	98,995	92,594	59,404	31,680	48,096
1948	516,069	184,336	79,529	72,862	42,812	36,093	35,804
1949	506,474	183,561	69,345	72,518	45,360	39,623	29,797
1950	737,822	238,383	112,094	89,208	62,539	64,790	44,129
1951	769,926	263,538	88,918	104,791	59,156	69,402	50,513
1952*	823,881	246,871	107,123	109,705	58,938	90,079	60,349

* Preliminary.

Source of data: Bureau of Agricultural Economics, U. S. Dept. of Agriculture.

U.S. SOYBEAN PRODUCTION AND EXPORTS

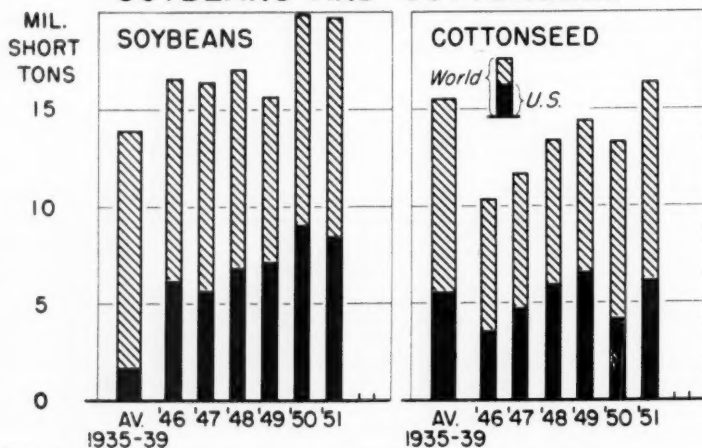
CROP YEARS OCTOBER-SEPTEMBER



*OIL AND BEANS IN TERMS OF BEANS. Δ ESTIMATED ON BASIS OF 8 MONTHS (OCT - MAY)
† AUGUST 1 ESTIMATE

U.S.D.A.

WORLD AND U.S. PRODUCTION OF SOYBEANS AND COTTONSEED



U.S.D.A.

CANADIAN SOYBEAN PRODUCTION

PRODUCTION OF SOYBEAN OIL AND OILCAKE IN CANADA

Crop Year	Soybeans Crushed Bushels	Oil Produced	
		Tons	Oilcake and Meal Produced Tons
1943-44	241,315	1,078	6,308
1944-45	889,283	3,875	21,064
1945-46	1,541,869	7,333	36,439
1946-47	2,277,304	11,362	52,596
1947-48	2,300,743	12,236	54,343
1948-49	3,901,831	19,832	89,002
1949-50	4,958,799	25,237	116,845
1950-51	7,393,274	36,338	176,343
1951-1952 1/	7,082,746	35,163	169,762

1/ Preliminary

Source of data: Dominion Bureau of Statistics.

PRODUCTION OF SOYBEANS IN CANADA 1942-52

Acreage, Yield and Total Production			
Year	Acreage Acres	Yield per Acre Bu.	Production Bu.
1942	44,000	21.0	925,000
1943	35,550	16.0	569,100
1944	36,200	18.8	681,820
1945	46,200	18.3	844,000
1946	59,200	18.1	1,072,000
1947	61,000	18.2	1,110,000
1948	94,000	19.4	1,824,000
1949	103,800	25.1	2,605,000
1950	142,000	23.4	3,323,000
1951	155,000	24.8	3,843,000
1952	172,000	24.0	4,128,000

WORLD SOYBEAN PRODUCTION

SOYBEANS: ACREAGE, YIELD PER ACRE, AND PRODUCTION IN SPECIFIED COUNTRIES, AVERAGES 1935-39 AND 1945-49, ANNUAL 1951 AND 1952 1/

Continent and Country	Acreage 2/				Yield per acre				Production			
	Average		1951	1952 3/	Average		1951	1952 3/	Average		1951	1952 3/
	1935-39	1945-49			35	45			1935-39	1945-49		
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bu.	Bu.	Bu.	Bu.	1,000 Bu.	1,000 Bu.	1,000 Bu.	1,000 Bu.
North America:												
Canada	4/10	73	155	172	21.3	20.5	24.8	24.0	4/ 207	1,491	3,843	4,128
United States 5/	3,042	10,649	13,545	14,075	18.5	19.6	20.9	20.7	56,167	208,885	282,477	291,682
Europe												
Italy	6/	4	2	2	12.1	17.8	22.0	17.5	4/ 1	74	34	35
Yugoslavia	5	15	18	—	14.9	10.1	8.7	—	71	155	157	—
Other Europe	93	68	95	95	—	—	—	—	1,067	456	588	487
U.S.S.R. (Europe and Asia)	7/ 607	—	—	—	—	—	—	—	7/ 5,895	—	—	—
Asia:												
Turkey	7/ 1	4/ 4	6	6	29.0	10.9	11.4	12.5	7/ 37	45	73	75
China proper (22 Provinces)	12,411	11,256	—	—	16.7	16.9	—	—	207,666	190,248	—	—
Manchuria	8,992	4/ 7,048	6,600	—	16.8	16.5	16.7	—	151,294	4/ 116,475	111,150	—
Japan	797	612	1,059	1,013	15.6	12.1	16.7	17.5	12,338	7,432	17,704	17,710
Taiwan	—	—	—	—	—	—	—	—	—	—	—	—
(Formosa)	4/ 17	32	—	—	8.9	9.4	—	—	4/ 151	297	445	—
Korea 8/	4/ 1,921	576	617	—	10.0	9.0	6.6	—	17,654	5,167	4,070	—
Indonesia 9/	889	661	932	940	11.0	9.7	9.9	10.6	9,731	6,393	9,193	10,000
South America												
Brazil 10/	—	23	89	149	—	19.0	25.5	16.2	—	446	2,265	2,407
Africa												
Tanganyika	—	—	—	—	—	—	—	—	—	40	37	—
Union of South Africa	4/	10	12	—	—	5.2	7.5	—	4/ 54	92	55	—
Total excluding "Other Europe," U.S.S.R., Chinese Mainland and North Korea												
	5,670	11,750	16,295	17,035	—	—	—	—	87,190	231,335	319,860	329,440
World total 11/	29,000	32,580	36,700	37,250	—	—	—	—	463,720	549,065	642,450	652,660

1/ Years shown refer to years of harvest. Southern Hemisphere crops which are harvested in the early part of the year are combined with those of the northern Hemisphere harvested the latter part of the same year. 2/ Figures refer to harvested areas as far as possible. 3/ Preliminary. 4/ Average of less than 5 years. 5/ Acreage harvested for beans. 6/ Less than 500 acres. 7/ One year only. 8/ Beginning with 1948 figures represent South Korea only. 9/ Java and Madura only. 10/ Rio Grande do Sul and Sao Paulo. 11/ Includes estimates for the above countries for which data are not available and for minor producing countries.

Office of Foreign Agricultural Relations, U. S. Department of Agriculture. Prepared or estimated on basis of official statistics of foreign governments, reports of United States Foreign Service officers, results of office research, or other information. Prewar estimates for countries having changed boundaries have been adjusted to conform to present boundaries, except as noted.

SOYBEAN PRODUCTION

SOYBEANS: Acreage, Yield and Production 1924-52 by States

Alabama

Year	Acres Planted			Acres Harvested		Grazed or Plowed Under	Average Yield Per Acre Harv. For Beans	Total Production For Beans		Total Production For Hay
	Grown Alone	Inter-planted*	Equivalent Solid†	For Beans‡	For Hay			For Beans	For Hay	
	Thousand Acres			Thousand Acres			Bushels	Tons	Bushels	Tons
1924	95	25	107	3	81	23	6.5	.80	20	65
1925	115	23	127	3	96	28	7.0	.60	21	58
1930	150	14	157	8	129	20	5.0	.80	40	103
1935	183	28	197	11	163	23	5.5	.90	60	147
1940	275	37	294	11	238	45	6.5	.90	72	214
41	350	35	368	19	288	61	8.0	.95	152	274
42	290	30	305	24	217	64	8.5	.90	204	195
43	331	28	345	29	248	68	10.5	.85	304	211
44	268	22	279	30	191	58	10.0	.85	300	162
45	238	20	248	29	186	33	12.0	.90	348	167
46	207	16	215	30	157	28	17.5	.95	525	149
47	164	14	171	48	109	14	18.0	.90	864	98
48	144	13	150	51	88	11	21.5	.95	1096	84
49	134	12	140	55	76	9	19.1	.97	1050	74
1950	150	10	155	73	68	14	19.0	1.00	1387	68
51	166	8	170	88	66	16	18.0	.90	1584	59
52§	166	7	170	92	68	10	19.0	.80	1748	54

Arkansas

1924	24	27	38	3	24	11	6.5	1.10	20	26
1925	32	35	50	4	36	10	6.0	.90	24	32
1930	76	51	102	9	76	17	7.5	.75	68	57
1935	116	90	161	27	104	30	11.5	.95	310	99
1940	205	413	411	63	163	185	12.0	1.25	756	204
41	217	425	429	116	124	189	15.0	1.15	1740	143
42	304	400	504	217	132	155	15.0	1.20	3255	158
43	410	420	620	267	180	173	9.5	.95	2536	171
44	320	273	456	233	122	101	15.5	.95	3612	116
45	342	177	430	209	119	102	16.0	1.15	3344	137
46	369	204	471	295	81	95	18.5	1.15	5458	93
47	380	169	464	283	88	93	12.0	1.00	3396	88
48	320	140	390	273	67	50	20.0	1.20	5460	80
49	340	120	400	300	51	49	21.0	1.12	6300	57
1950	646	176	734	581	80	73	21.5	1.20	12492	96
51	685	111	741	607	74	60	20.0	1.15	12140	85
52§	952	88	996	866	100	30	16.0	.90	13856	90

Delaware

1924	18	—	18	12	6	—	11.0	1.00	132	6
1925	18	—	18	11	7	—	15.0	1.10	165	8
1930	25	—	25	15	10	—	6.0	1.15	90	12
1935	27	—	27	16	11	—	13.0	1.30	208	14
1940	48	—	48	25	16	7	12.0	1.20	300	19
41	53	—	53	30	17	6	11.5	1.30	345	22
42	66	—	66	42	18	6	16.0	1.40	672	25
43	76	—	76	39	27	10	8.5	.90	332	24
44	67	—	67	34	24	9	9.0	1.10	306	26
45	58	—	58	41	14	3	14.0	1.35	574	19
46	58	—	58	43	13	2	15.5	1.25	665	16
47	65	—	65	55	9	1	13.0	1.30	715	12
48	63	—	63	53	7	3	12.5	1.25	662	9
49	72	—	72	61	8	3	14.5	1.30	884	10
1950	74	—	74	63	8	3	14.0	1.30	882	10
51	69	—	69	61	6	2	14.5	1.30	884	8
52§	67	—	67	58	7	2	17.0	1.35	986	9

*Grown with other crops. †Equivalent solid acreage (acreage grown alone with an allowance for acreage grown with other crops). ‡Preliminary. Source of data: Bureau of Agricultural Economics, U. S. Dept. of Agriculture.

SOYBEAN PRODUCTION—(Continued)

SOYBEANS: Acreage, Yield and Production 1924-52 by States

Georgia

Year	Acres Planted			Acres Harvested		Grazed or Plowed Under	Average Yield Per Acre		Total Production	
	Grown Alone	Inter-planted*	Equivalent Solid†	For Beans‡	For Hay		For Beans	Harv. For Hay	For Beans	For Hay
	Thousand Acres			Thousand Acres			Bushels	Tons	Bushels	Tons
1924	40	28	54	10	25	19	5.5	.80	55	20
1925	49	42	70	12	33	25	6.5	.40	78	13
1930	56	26	69	10	50	9	5.5	.87	55	44
1935	50	33	66	7	48	11	6.0	1.00	42	48
1940	100	120	160	13	90	57	7.0	.95	91	86
41	120	98	169	14	85	70	6.5	.85	91	72
42	96	56	124	11	58	55	7.5	.88	82	51
43	103	64	135	11	70	54	6.5	.90	72	63
44	80	40	100	11	46	43	6.0	.90	66	41
45	60	37	78	6	43	29	9.0	.95	54	41
46	55	36	73	9	26	38	8.5	.90	76	23
47	54	37	72	15	27	30	9.0	.90	135	24
48	57	40	77	16	28	33	9.5	1.00	152	28
49	63	50	88	15	32	41	10.5	1.00	158	32
1950	78	58	107	26	28	53	11.0	.95	286	27
51	86	55	114	21	30	63	10.5	.90	220	27
52§	90	76	128	32	36	60	10.5	.95	336	34

Illinois

1924	315	—	315	115	200	—	12.0	1.30	1380	260
1925	290	—	290	106	184	—	13.5	1.25	1431	230
1930	720	—	720	410	310	—	17.0	1.20	6970	372
1935	2431	—	2431	1509	849	73	18.5	1.45	27916	1231
1940	3011	—	3011	1995	748	268	17.5	1.25	34912	935
41	2813	—	2813	2338	420	55	21.5	1.30	50267	546
42	3769	—	3769	3239	344	186	21.0	1.40	68019	482
43	3976	—	3976	3436	497	43	21.0	1.30	72156	646
44	3896	—	3896	3470	387	39	21.4	1.15	74258	445
45	4079	—	4079	3760	279	40	20.0	1.20	75200	335
46	3524	—	3524	3320	186	18	23.5	1.45	78020	270
47	3806	—	3806	3636	144	26	18.0	1.10	65448	158
48	3502	—	3502	3354	124	24	24.0	1.40	80496	174
49	3467	—	3467	3287	145	35	25.5	1.36	83818	197
1950	4108	—	4108	3989	94	25	24.0	1.30	95736	122
51	3841	—	3841	3731	72	38	25.5	1.40	95140	101
52§	3649	—	3649	3547	84	18	24.0	1.10	85128	92

Indiana

1924	204	—	204	66	109	29	9.9	1.22	653	133
1925	148	—	148	40	93	15	10.0	1.25	400	116
1930	443	—	443	151	248	44	14.0	1.10	2114	273
1935	850	—	850	410	391	49	17.0	1.45	6970	567
1940	1418	—	1418	723	548	147	13.0	1.00	9399	548
41	1234	—	1234	815	370	49	17.0	1.35	13855	500
42	1691	—	1691	1319	296	76	20.0	1.50	26380	444
43	1776	—	1776	1403	337	36	18.5	1.40	25956	472
44	1812	—	1812	1473	304	35	17.2	1.20	25336	365
45	1703	—	1703	1466	208	29	19.5	1.45	28587	302
46	1533	—	1533	1374	136	23	19.0	1.40	26106	190
47	1625	—	1625	1503	106	16	18.5	1.40	27806	148
48	1560	—	1560	1459	86	15	22.0	1.55	32098	133
49	1576	—	1576	1442	110	24	23.5	1.52	33887	167
1950	1765	—	1765	1652	88	25	22.5	1.45	37170	128
51	1800	—	1800	1706	72	22	22.5	1.45	38385	104
52§	1728	—	1728	1638	69	21	23.5	1.35	38493	93

*Grown with other crops. †Equivalent solid acreage (acreage grown alone with an allowance for acreage grown with other crops). §Preliminary. Source of data: Bureau of Agricultural Economics, U. S. Dept. of Agriculture.

SOYBEAN PRODUCTION—(Continued)

SOYBEANS: Acreage, Yield and Production 1924-52 by States

Iowa

Year	Grown Alone	Acres Planted		Acres Harvested For Beans†	Grazed or Plowed Under	Average Yield Per Acre Harv. For Beans		Total Production For Beans	
		Inter-planted*	Equivalent Solid†			For Beans	For Hay	Thousand Bushels	Thousand Tons
		Thousand Acres		Thousand Acres		Bushels	Tons	Bushels	Tons
1924	23	23	10	13	12.0	1.50	120	20
1925	18	18	7	11	14.0	1.40	98	15
1930	124	124	66	57	1	15.5	1.30	1023	74
1935	1200	1200	408	757	35	16.5	1.50	6732	1136
1940	1481	1481	709	707	65	20.0	1.70	14180	1202
41	1288	1288	942	297	49	17.0	1.45	16014	431
42	2061	2061	1818	125	118	19.5	1.50	35451	188
43	2021	2021	1873	127	21	19.5	1.45	36524	184
44	2028	2028	1910	89	29	20.3	1.46	38773	130
45	1973	1973	1910	45	18	18.5	1.45	35335	65
46	1578	1578	1548	22	8	23.0	1.45	29604	32
47	1957	1957	1884	20	53	15.5	1.10	29202	22
48	1616	1616	1564	44	8	22.5	1.50	35190	66
49	1380	1380	1340	30	10	23.0	1.71	30820	51
1950	1960	1960	1930	18	12	22.0	1.60	42460	29
51	1638	1638	1583	12	43	20.5	1.40	32452	17
52§	1491	1491	1474	10	7	25.5	1.75	37587	18

Kansas

1924	11	—	11	2	9	—	11.0	1.30	22	12
1925	12	—	12	4	8	—	10.0	1.30	40	10
1930	27	—	27	7	20	—	7.5	1.10	52	22
1935	38	—	38	7	29	2	6.5	1.10	46	32
1940	78	—	78	26	43	9	12.0	1.55	312	67
41	83	—	83	47	26	10	11.5	1.60	540	42
42	290	—	290	212	20	58	11.5	1.65	2438	33
43	313	—	313	244	16	53	9.5	1.15	2318	18
44	203	—	203	185	14	4	13.7	1.40	2534	20
45	258	—	258	235	10	13	10.0	1.20	2350	12
46	225	—	225	198	16	11	11.0	1.10	2178	18
47	250	—	250	230	8	12	8.5	1.20	1955	10
48	198	—	198	176	5	17	15.0	1.35	2640	7
49	271	—	271	257	6	8	14.5	1.35	3726	8
1950	409	—	409	397	4	8	18.0	1.40	7146	6
51	495	—	495	401	5	89	14.5	1.45	5814	7
52§	703	—	703	640	35	28	11.5	1.05	7360	37

Kentucky

1924	40	10	45	9	30	6	9.5	1.10	86	33
1925	50	12	56	8	43	5	8.5	1.10	68	47
1930	110	8	114	9	88	17	7.5	.75	68	66
1935	100	11	106	8	86	12	10.0	1.35	80	116
1940	180	27	194	31	130	33	13.0	1.30	403	169
41	198	25	210	42	133	35	14.0	1.60	588	213
42	224	35	242	83	136	23	14.5	1.60	1204	218
43	242	40	262	81	150	31	12.0	1.40	972	210
44	188	31	204	66	125	13	15.0	1.30	990	162
45	169	28	183	60	101	22	16.0	1.40	960	141
46	152	28	166	87	58	21	18.0	1.45	1566	84
47	170	26	183	100	68	15	17.5	1.45	1750	99
48	194	27	208	121	73	14	19.0	1.45	2299	106
49	232	22	243	138	82	23	18.0	1.45	2484	119
1950	202	18	211	126	66	19	17.5	1.45	2205	96
51	212	16	220	130	70	20	19.0	1.40	2470	98
52§	220	14	227	114	95	18	15.5	1.20	1767	114

*Grown with other crops. †Equivalent solid acreage (acreage grown alone with an allowance for acreage grown with other crops). §Preliminary. Source of data: Bureau of Agricultural Economics, U. S. Dept. of Agriculture.

SOYBEAN PRODUCTION—(Continued)

SOYBEANS: Acreage, Yield and Production 1924-52 by States

Louisiana

Year	Acres Planted		Equivalent Solid†	Acres Harvested		Grazed or Plowed Under	Average Yield		Total Production	
	Grown Alone	Inter- planted*		For Beans†	For Hay		Per Acre Harv. For Beans	Per Acre Harv. For Hay	For Beans Thousand	For Hay Thousand
	Thousand Acres			Thousand Acres			Busheis	Tons	Busheis	Tons
1924	10	70	45	8	32	5	8.0	.90	64	29
1925	13	80	53	12	31	10	10.0	1.20	120	37
1930	34	194	131	16	76	39	10.5	1.00	168	76
1935	25	170	110	9	59	42	12.5	1.10	112	65
1940	110	530	375	15	82	278	13.5	1.25	202	102
41	149	550	424	16	89	319	11.5	1.20	184	107
42	155	517	413	72	70	271	12.5	1.25	900	88
43	147	517	405	33	62	310	11.5	1.20	380	74
44	85	403	287	23	34	230	12.0	1.20	276	41
45	99	383	291	23	29	239	14.0	1.30	322	38
46	104	360	284	26	34	224	13.0	1.35	338	46
47	110	367	294	23	21	250	12.5	1.35	288	28
48	119	330	284	33	21	230	14.0	1.20	462	25
49	74	287	218	23	16	179	15.0	1.30	345	21
1950	89	300	239	37	12	190	18.0	1.25	666	15
51	140	300	290	38	12	240	17.5	1.10	665	13
52‡	130	255	258	41	17	200	14.5	1.05	594	18

Maryland

1924	33	6	36	5	16	15	11.8	1.40	59	22
1925	32	4	34	6	19	9	12.5	1.45	75	28
1930	33	—	33	5	25	3	6.5	.85	32	21
1935	33	—	33	5	27	1	12.0	1.50	60	40
1940	65	—	65	19	35	11	13.5	1.50	256	52
41	71	—	71	20	40	11	12.0	1.40	240	56
42	105	—	105	48	47	10	15.5	1.60	744	75
43	116	—	116	36	66	14	9.0	.85	324	56
44	94	—	94	32	49	13	13.0	1.30	416	64
45	78	—	78	39	35	4	15.0	1.40	585	49
46	70	—	70	41	22	7	14.5	1.40	594	31
47	72	—	72	47	22	3	13.0	1.45	611	32
48	74	—	74	52	18	4	15.5	1.45	806	26
49	80	—	80	57	15	8	16.5	1.50	940	22
1950	95	—	95	67	21	7	17.0	1.45	1139	30
51	95	—	95	77	12	6	16.0	1.40	1232	17
52‡	94	—	94	75	15	4	18.0	1.45	1350	22

Michigan

1924	8	—	8	2	6	—	13.0	1.30	26	8
1925	8	—	8	2	6	—	13.0	1.35	26	8
1930	7	—	7	1	6	—	10.0	.80	10	5
1935	48	—	48	16	32	—	14.5	1.30	232	42
1940	187	—	187	77	67	43	16.5	1.50	1270	100
41	149	—	149	100	23	26	16.0	1.25	1600	29
42	274	—	274	151	19	104	14.0	1.60	2114	30
43	137	—	137	103	18	16	16.5	1.35	1700	24
44	140	—	140	110	17	13	17.0	1.20	1870	20
45	140	—	140	122	8	10	17.5	1.45	2135	12
46	130	—	130	86	10	34	15.0	.95	1290	10
47	90	—	90	76	8	6	17.0	1.20	1292	10
48	70	—	70	65	3	2	17.5	1.30	1138	4
49	72	—	72	63	4	5	23.0	1.40	1449	6
1950	122	—	122	114	4	4	20.0	1.30	2280	5
51	128	—	128	120	4	4	20.5	1.70	2460	7
52‡	105	—	105	92	4	9	19.0	1.40	1748	6

*Grown with other crops. †Equivalent solid acreage (acreage grown alone with an allowance for acreage grown with other crops). ‡Preliminary. Source of data: Bureau of Agricultural Economics, U. S. Dept. of Agriculture.

SOYBEAN PRODUCTION—(Continued)

SOYBEANS: Acreage, Yield and Production 1924-52 by States

Minnesota

(Not estimated prior to 1933)

Year	Acres Planted			Acres Harvested		Grazed or Plowed Under	Average Yield Per Acre Harv.		Total Production For	
	Grown Alone	Inter- planted*	Equivalent Solid†	For Beans‡	For Hay		For Beans	For Hay	Beans Thousand	Hay Thousand
	Thousand Acres			Thousand Acres			Bushels	Tons	Bushels	Tons
1923	15	—	15	—	15	—	—	1.30	—	20
1934	117	—	117	2	115	—	15.0	1.10	30	126
1935	91	—	91	6	85	—	14.0	1.40	84	119
1940	251	—	251	53	183	15	15.0	1.85	795	339
41	270	—	270	80	178	12	14.5	1.60	1160	285
42	413	—	413	273	41	99	13.0	1.50	3549	62
43	343	—	343	244	44	55	13.5	1.50	3294	66
44	352	—	352	260	81	11	15.4	1.40	4004	113
45	528	—	528	464	48	16	14.5	1.50	6728	72
46	676	—	676	627	42	7	17.5	1.40	10972	59
47	1034	—	1034	960	36	38	15.0	1.40	14400	50
48	920	—	920	896	18	6	18.0	1.55	16128	28
49	800	—	800	767	26	7	17.5	1.55	13422	40
1950	1200	—	1200	1148	38	14	15.5	1.40	17794	53
51	1140	—	1140	1077	13	50	17.5	1.40	18848	18
52§	1197	—	1197	1155	6	36	19.0	1.55	21945	9

Mississippi

1924	45	58	80	21	48	11	8.0	1.00	168	48
1925	54	61	91	21	59	11	10.0	1.05	210	62
1930	85	75	130	12	103	15	6.5	1.00	78	103
1935	203	223	337	37	229	71	8.5	1.05	314	240
1940	332	428	546	39	268	239	10.0	1.25	390	335
41	448	364	630	71	290	269	10.5	1.25	746	362
42	466	339	636	191	223	222	14.0	1.15	2674	256
43	466	353	642	128	295	219	12.0	1.05	1536	310
44	270	222	381	76	190	115	12.0	1.20	912	228
45	235	166	318	83	143	92	13.0	1.25	1079	179
46	254	153	330	96	152	82	15.0	1.25	1440	190
47	259	158	338	122	135	81	14.0	1.30	1708	176
48	300	114	357	174	111	72	18.0	1.35	3132	150
49	315	83	357	176	112	69	16.5	1.25	2904	140
1950	504	91	550	358	131	61	25.0	1.35	8950	177
51	600	70	635	425	127	83	13.0	1.20	5525	152
52§	618	63	650	455	130	65	13.5	1.05	6142	136

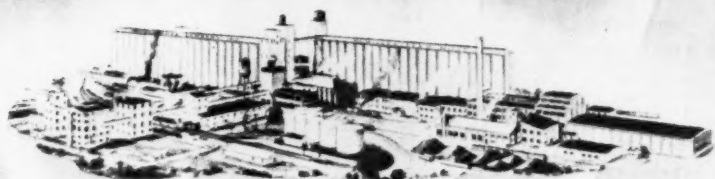
Missouri

1924	165	—	165	48	112	5	7.5	1.20	360	134
1925	157	—	157	44	110	3	8.5	1.10	374	121
1930	422	50	447	138	288	21	7.0	.85	966	245
1935	450	20	460	142	300	18	7.5	1.10	1065	330
1940	564	80	604	109	401	94	13.0	1.40	1417	561
41	580	100	630	187	250	193	11.5	1.15	2150	288
42	700	140	770	471	112	187	15.0	1.40	7065	157
43	742	120	802	557	151	94	15.5	1.30	8634	196
44	734	84	776	601	120	55	17.5	1.30	10518	156
45	844	65	876	720	89	67	13.0	1.20	9360	107
46	802	57	830	718	67	45	20.0	1.25	14360	84
47	914	50	939	825	67	47	12.0	1.00	9900	67
48	823	46	846	795	34	17	20.0	1.35	15900	46
49	935	52	961	890	46	25	21.0	1.31	18690	60
1950	1225	48	1249	1209	25	15	23.0	1.35	27807	34
51	1396	44	1418	1290	28	109	20.0	1.35	25800	38
52§	1801	46	1824	1724	55	45	19.0	1.20	32756	66

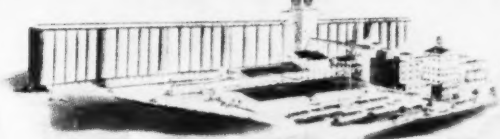
*Grown with other crops. †Equivalent solid acreage (acreage grown alone with an allowance for acreage grown with other crops). §Preliminary. Source of data: Bureau of Agricultural Economics, U. S. Dept. of Agriculture.

PROGRESS

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FOR QUALITY

THE CENTRAL SOYA CO., INC.

McMillen Feed Mills, Wholly Owned Subsidiary · Executive Offices, Fort Wayne, Indiana

SOYBEAN PRODUCTION—(Continued)

SOYBEANS: Acreage, Yield and Production 1924-52 by States

Nebraska

(Not Estimated Prior to 1929)

Year	Acres Planted			Acres Harvested		Grazed or Plowed Under	Average Yield Per Acre Harv.		Total Production For	
	Grown Alone	Inter-planted*	Equivalent Solid†	For Beans‡	For Hay		For Beans	For Hay	Beans Thousand	Hay Thousand
	Thousand Acres			Thousand Acres			Bushels	Tons	Bushels	Tons
1929	2	—	2	—	2	—	—	1.40	—	3
1930	3	—	3	—	3	—	—	1.20	—	4
1935	9	—	9	—	9	—	—	.95	—	9
1940	20	—	20	4	13	3	14.0	1.20	56	16
41	32	—	32	20	5	7	11.0	1.10	220	6
42	55	—	55	40	4	11	15.0	1.15	600	5
43	85	—	85	73	2	10	12.0	1.15	876	2
44	22	—	22	19	1	2	17.8	1.25	338	1
45	20	—	20	17	2	1	18.0	1.25	306	2
46	25	—	25	23	1	1	21.0	1.25	483	1
47	35	—	35	32	1	2	14.5	1.10	464	1
48	26	—	26	23	1	2	23.0	1.60	529	2
49	20	—	20	20	—	—	22.2	—	444	—
1950	50	—	50	50	—	—	24.0	—	1200	—
51	60	—	60	58	—	2	22.0	—	1276	—
52§	90	—	90	88	—	2	26.0	—	2288	—

North Carolina

1924	120	90	165	75	70	20	15.5	.90	1162	63
1925	140	110	195	80	80	35	14.5	.70	1160	56
1930	230	220	340	128	150	62	10.5	.85	1344	128
1935	220	280	360	115	165	80	12.5	.95	1438	157
1940	360	450	585	190	180	215	12.0	1.10	2280	198
41	371	477	609	218	183	208	10.0	1.12	2180	205
42	434	439	654	268	161	225	13.0	1.20	3484	193
43	495	430	710	257	220	233	9.0	1.00	2313	220
44	361	348	535	201	203	131	10.5	1.10	2110	223
45	368	299	518	216	191	111	12.5	1.15	2700	220
46	342	254	469	212	150	107	13.5	1.10	2862	165
47	380	229	494	233	144	117	15.0	1.15	3495	166
48	384	208	488	264	137	87	13.5	1.10	3564	151
49	380	206	483	264	116	103	15.0	1.10	3960	128
1950	410	206	513	297	122	94	16.0	1.10	4752	134
51	445	184	537	309	123	105	16.5	1.20	5098	148
52§	432	153	508	290	127	91	16.5	1.05	4785	133

Ohio

1924	66	—	66	20	44	2	11.5	1.20	230	53
1925	57	—	57	17	38	2	14.0	1.30	238	49
1930	112	—	112	31	77	4	14.0	.90	434	69
1935	355	—	355	124	220	11	21.0	1.65	2604	363
1940	1020	—	1020	561	347	112	16.0	1.30	8976	451
41	898	—	898	656	215	27	20.0	1.55	13120	333
42	1365	—	1365	1051	150	164	22.5	1.65	23648	248
43	1379	—	1379	1213	138	28	21.0	1.60	25473	221
44	1393	—	1393	1243	127	23	17.6	1.25	21877	159
45	1184	—	1184	1077	83	24	18.0	1.45	19386	120
46	971	—	971	903	53	15	18.0	1.45	16254	77
47	1000	—	1000	950	42	8	18.5	1.50	17575	63
48	940	—	940	908	24	8	20.5	1.50	18614	36
49	936	—	936	875	47	14	24.0	1.52	21000	71
1950	1136	—	1136	1090	29	17	22.5	1.50	24525	44
51	1159	—	1159	1124	18	17	19.0	1.35	21356	24
52§	985	—	985	940	26	19	22.0	1.45	20680	38

*Grown with other crops. †Equivalent solid acreage (acreage grown alone with an allowance for acreage grown with other crops). §Preliminary. Source of data: Bureau of Agricultural Economics, U. S. Dept. of Agriculture.

SOYBEAN PRODUCTION—(Continued)

SOYBEANS: Acreage, Yield and Production 1924-52 by States

Pennsylvania

Year	Acres Planted			Acres Harvested		Grazed or Plowed Under	Average Yield		Total Production	
	Grown Alone	Inter- planted*	Equivalent Solid†	For Beans†	For Hay		Per Acre For Beans	Harv. For Hay	For Beans Thousand	For Hay Thousand
	Thousand Acres			Thousand Acres			Bushels	Tons	Bushels	Tons
1924	7	—	7	—	7	—	—	1.45	—	10
1925	6	—	6	—	6	—	—	1.55	—	9
1930	11	—	11	—	10	1	—	1.10	—	11
1935	31	—	31	2	26	3	16.5	1.70	33	44
1940	82	—	82	14	54	14	16.0	1.50	224	81
41	77	—	77	15	49	13	14.5	1.55	218	76
42	108	—	108	35	54	19	17.0	1.70	595	92
43	127	—	127	45	65	17	13.0	1.55	585	101
44	119	—	119	37	64	18	13.2	1.45	488	93
45	73	—	73	28	33	12	15.5	1.60	434	53
46	62	—	62	26	30	6	16.0	1.70	416	51
47	57	—	57	24	23	10	16.0	1.70	384	39
48	52	—	52	23	20	9	16.5	1.70	380	34
49	48	—	48	23	18	7	18.6	1.70	428	31
1950	48	—	48	24	19	5	17.5	1.65	420	31
51	43	—	43	22	17	4	17.0	1.65	374	28
52§	37	—	37	19	15	3	19.0	1.65	361	25

South Carolina

1924	9	28	23	7	9	7	7.0	.70	49	6
1925	18	40	38	8	21	9	5.5	3.0	44	6
1930	20	50	45	9	23	13	6.5	.80	58	18
1935	16	39	36	5	16	15	7.0	.95	35	15
1940	32	94	79	11	29	39	6.5	.85	72	25
41	48	100	98	10	35	53	7.5	.95	75	33
42	48	87	92	12	33	47	8.0	.95	96	31
43	55	88	99	16	35	48	6.5	.80	104	28
44	35	75	73	16	21	36	7.0	.90	112	19
45	28	65	60	10	15	35	7.0	.95	70	14
46	36	76	74	24	18	32	10.0	.95	240	17
47	50	80	90	27	13	50	10.0	.95	270	12
48	72	86	115	36	23	56	10.0	1.10	360	25
49	65	100	115	37	24	54	13.5	1.05	500	25
1950	94	104	146	62	23	61	12.0	1.00	744	23
51	114	192	165	83	21	61	12.5	1.00	1038	21
52§	132	106	185	98	33	54	11.5	.95	1127	31

South Dakota

(Not Estimated Prior to 1939)

1939	2	—	2	—	2	—	—	1.10	—	2
1940	4	—	4	1	2	1	12.0	1.20	12	2
41	6	—	6	2	3	1	12.0	1.00	24	3
42	17	—	17	13	2	2	16.0	1.10	208	2
43	27	—	27	20	2	5	12.0	1.15	240	2
44	11	—	11	9	1	1	17.0	1.40	153	1
45	15	—	15	13	1	1	14.0	1.35	182	1
46	21	—	21	19	1	1	14.5	1.40	276	1
47	55	—	55	50	2	3	11.5	1.60	575	2
48	33	—	33	31	1	1	18.0	1.60	558	2
49	33	—	33	31	1	1	13.0	1.10	403	1
1950	72	—	72	70	1	1	12.5	1.10	875	1
51	63	—	63	60	1	2	14.5	1.20	870	1
52§	89	—	89	85	—	4	15.0	—	1275	—

*Grown with other crops. †Equivalent solid acreage (acreage grown alone with an allowance for acreage grown with other crops). §Preliminary. Source of data: Bureau of Agricultural Economics, U. S. Dept. of Agriculture.

SOYBEAN PRODUCTION—(Continued)

SOYBEANS: Acreage, Yield and Production 1924-52 by States

Tennessee

Year	Acres Planted			Acres Harvested		Grazed or Plowed Under	Average Yield Per Acre Harv.		Total Production For	
	Grown Alone	Intr.-planted*	Equivalent Solid†	For Beans‡	For Hay		For Beans	For Hay	Beans	Hay
	Thousand	Acres		Thousand	Acres		Bushels	Tons	Bushels	Tons
1924	160	50	185	10	153	22	8.5	1.08	85	165
1925	150	40	170	8	142	20	7.5	.75	60	106
1930	190	64	222	20	172	30	7.5	.72	150	124
1935	128	90	173	18	108	47	6.5	1.00	117	108
1940	167	298	316	19	122	175	8.5	1.30	162	159
41	175	288	319	20	140	159	9.5	1.38	190	189
42	224	274	361	55	141	165	12.0	1.35	660	190
43	276	304	428	52	188	188	13.5	1.25	702	235
44	240	255	368	60	165	143	15.0	1.15	900	190
45	216	181	306	66	110	130	14.5	1.25	957	138
46	186	194	283	92	100	91	18.0	1.30	1656	130
47	208	194	305	122	97	86	15.5	1.25	1891	121
48	225	184	317	134	96	87	20.0	1.20	2680	115
49	230	173	316	142	79	95	20.2	1.32	2868	104
1950	248	163	330	168	70	92	21.0	1.30	3528	91
51	310	142	381	183	99	99	17.5	1.20	3202	119
52§	326	118	385	181	142	62	20.0	1.00	3620	142

Virginia

1924	88	24	100	15	74	11	13.0	1.00	195	74
1925	106	28	120	16	92	12	11.0	.95	176	87
1930	120	31	136	17	79	40	7.0	.70	119	55
1935	96	38	115	25	76	14	14.0	1.20	350	91
1940	128	105	180	49	93	38	15.5	1.35	760	126
41	132	86	175	49	91	35	12.5	1.20	612	109
42	185	99	235	112	70	53	15.5	1.40	1736	98
43	231	102	282	93	115	74	11.0	1.05	1023	121
44	162	105	214	66	76	72	15.0	1.20	990	91
45	149	82	190	79	48	63	16.0	1.35	1264	65
46	149	78	188	67	47	74	16.5	1.35	1106	63
47	161	82	202	101	40	61	15.0	1.25	1515	50
48	153	70	190	120	29	41	16.5	1.35	1980	39
49	170	59	200	131	24	45	18.5	1.26	2424	30
1950	202	54	229	152	25	52	19.0	1.35	2888	34
51	220	56	248	166	34	48	18.0	1.30	2988	44
52§	224	58	253	174	33	46	17.0	1.30	2958	43

Wisconsin

1924	38	—	38	3	35	—	9.0	1.40	27	49
1925	20	—	20	2	18	—	9.0	1.55	18	28
1930	14	—	14	2	12	—	11.5	1.20	23	14
1935	181	—	181	2	179	—	13.0	1.70	26	304
1940	215	—	215	25	162	28	17.5	2.00	438	324
41	168	—	168	37	105	26	15.0	1.60	555	168
42	155	—	155	60	55	40	13.0	1.85	780	102
43	105	—	105	63	35	7	14.5	1.85	914	65
44	103	—	103	42	53	8	12.8	1.45	538	77
45	93	—	93	39	46	8	13.0	1.80	507	83
46	79	—	79	35	36	8	12.5	1.50	438	54
47	63	—	63	29	28	6	12.0	1.75	348	49
48	54	—	54	22	27	5	13.0	1.40	286	38
49	59	—	59	21	34	4	15.0	1.64	315	56
1950	85	—	85	33	45	7	14.0	1.65	462	74
51	63	—	63	44	13	6	14.5	1.70	638	22
52§	61	—	61	48	9	4	17.0	1.95	816	18

*Grown with other crops. †Equivalent solid acreage (acreage grown alone with an allowance for acreage grown with other crops). ‡Preliminary. Source of data: Bureau of Agricultural Economics, U. S. Dept. of Agriculture.

ROTEX[®]

SCREENERS



ROTEX Screener No. 82

With two screen surfaces, each 60 by 120 inches.

Wherever there is a screening operation in a soybean plant, you will find that ROTEX Screeners can handle it to a real advantage.

At the present time ROTEX are being widely used for the rough cleaning of whole soybeans, for further cleaning them through a coarse screen and over a fine screen, for the sizing of soybean meal, both before and after grinding and for the removal of fine dust from finished meal.

ROTEX handles all these jobs exceptionally well because of the combination of the nearly level gyratory action of the screen box and the action of the rubber ball mesh cleaning system.

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There are over twenty-two standard ROTEX Models in various sizes, with from one to five screen surfaces so that it is always possible to obtain the proper size ROTEX for any capacity and separation requirement. Special Models, with variations to fit the customer's installation requirements, can also be furnished thus often eliminating expensive spouting or conveyors.

Our thirty-five years of experience in building ROTEX Screeners, with thousands of machines in daily use, assures you of trouble-free design and rugged construction that will give the most satisfactory continuous operation.

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[®]Trade Mark Reg.

THE ORVILLE SIMPSON COMPANY

1230 KNOWLTON ST., CINCINNATI 23, OHIO

SOYBEAN STOCKS

SOYBEANS: STOCKS IN VARIOUS POSITIONS, UNITED STATES, QUARTERLY DATES, 1942-52

Date	On Farms	Int. Mills Elev. & Whaes.	Processing Plants	Terminals	Steel and Wooden Bins	Total
— Thousand Bushels —						
1942: Oct. 1	3,100	928	1,120	861	—	6,009
1943: Jan. 1	88,246	29,450	34,938	3,519	13,500	169,653
April 1	54,399	17,094	28,675	3,187	13,000	116,355
July 1	13,733	5,085	17,246	2,864	8,447	47,375
Oct. 1	4,555	668	4,763	732	1,819	12,537
1944: Jan. 1	56,211	36,276	44,650	23,719	4,951	165,807
April 1	39,080	17,317	35,203	12,790	4,174	108,564
July 1	10,606	4,970	23,712	4,682	3,824	47,794
Oct. 1	4,612	1,128	5,214	1,323	1,876	14,153
1945: Jan. 1	42,398	40,137	47,708	24,446	3,523	158,212
April 1	27,801	30,012	32,606	16,508	2,762	109,689
July 1	7,608	6,031	26,387	5,401	957	46,384
Oct. 1	2,929	447	3,548	815	—	7,739
1946: Jan. 1	43,620	39,572	46,255	24,423	400	154,270
April 1	30,135	18,087	37,299	12,666	25	98,212
July 1	6,857	3,526	23,356	3,424	—	37,163
Oct. 1	2,148	268	1,783	157	—	4,356
1947: Jan. 1	37,908	36,145	59,610	21,704	—	155,367
April 1	25,876	19,633	41,744	13,689	—	100,942
July 1	6,481	3,389	28,004	2,258	—	40,132
Oct. 1	2,268	244	2,813	68	—	5,393
1948: Jan. 1	51,761	28,080	48,900	13,294	—	142,035
April 1	33,614	10,845	36,894	7,613	—	88,966
July 1	4,405	3,238	22,986	1,244	—	31,873
Oct. 1	1,891	128	468	130	—	2,617
1949: Jan. 1	75,013	36,805	53,416	14,804	—	180,038
April 1	53,143	19,262	36,305	7,206	—	115,916
July 1	9,692	9,134	18,333	3,294	—	40,453
Oct. 1	2,221	213	285	462	—	3,181
1950: Jan. 1	61,959	35,203	66,508	16,133	—	179,803
April 1	45,804	17,517	47,991	10,241	—	121,553
July 1	7,190	4,359	28,478	6,190	—	46,217
Oct. 1	1,241	244	502	920	—	2,907
1951: Jan. 1	101,728	38,945	77,163	13,915	—	231,751
April 1	48,085	19,594	63,137	12,513	—	143,329
July 1	9,996	4,362	33,584	4,201	—	52,143
Oct. 1	2,675	262	552	670	—	4,159
1952: Jan. 1	103,380	44,390	61,852	9,760	—	219,382
April 1	59,603	21,858	42,708	5,457	—	129,626
July 1	5,847	4,704	30,838	3,809	—	45,198
Oct. 1	1,947	296	611	710	—	3,564

Source of data: U. S. Dept. of Agriculture (B.A.E., P.M.A., and C.C.C.) and Bureau of the Census.

SOYBEANS: SUPPLY AND DISTRIBUTION, 1949-52

Items	1949-50	1950-51	1951-52	1952-53
— All in 1,000 bushels —				
Carry-over, Oct. 1	3,181	2,907	4,159	3,564
New Crop	234,194	299,279	282,477	291,682
Total supply (1) (2)	237,375	302,186	286,636	295,246
Farm use including seed for season	21,493	21,225	22,097	22,000
Quantity remaining for processing, exports or carry-over	215,882	280,961	264,539	273,246
Disappearance Oct. 1 through Nov. 30				
Crushed (3)	34,660	42,369	44,634	44,544
Exported	3,608	4,885	4,709	7,682
Total	38,268	47,254	49,343	52,226
Balance on Dec. 1 for processing, export, or carry-over (1)	177,614	233,707	215,196	221,020

(1) For statistical purposes, the marketing year is adopted as Oct. 1-Sept. 30. Actually, however, some new crop soybeans are processed each season prior to Oct. 1. These quantities vary slightly from year to year depending upon harvesting conditions. The indicated "Total supply" therefore, exceeds the actual quantity available on that date by the amount processed before Oct. 1. In the usual course of events this amount will be offset by a nearly similar quantity to be processed prior to Oct. 1 from the next year's crop. However, it is believed 4-6 million bushels of the 1952 crop were processed prior to Oct. 1, while only 2-3 million bushels were processed prior to Oct. 1 in each of the years 1949, 1950, and 1951.

(2) Imports negligible.

(3) Crushed for oil or processed as reported by the Bureau of the Census.

R.ported by Production and Marketing Administration USDA.

SOYBEAN OIL MEAL PRODUCTION

SOYBEAN OIL MEAL AND CAKE: SUPPLY AND UTILIZATION IN THE UNITED STATES, 1924-51

Year Beginning October 1	Supply 1,000 Tons			Utilization 1,000 Tons		
	Domestic Production	Imports	Total Supply	Exports	Food, Industry and other Non-feed*	Feed
1924-25	7.6	18.3	25.9	—	—	25.9
1925-26	8.6	19.8	28.4	—	—	28.4
1926-27	8.3	23.9	32.2	—	—	32.2
1927-28	13.7	47.7	61.4	—	—	61.4
1928-29	21.5	69.5	91.0	—	—	91.0
1929-30	40.7	73.5	114.2	—	—	114.2
1930-31	98.6	24.0	122.6	—	—	122.6
1931-32	114.7	18.6	133.3	—	—	133.3
1932-33	84.3	28.3	112.6	—	—	112.6
1933-34	73.9	25.0	98.9	—	—	98.9
1934-35	220.4	64.2	284.6	—	18.0	266.6
1935-36	613.1	20.0	633.1	—	19.0	614.1
1936-37	495.8	55.7	551.5	—	20.0	531.5
1937-38	724.1	15.5	739.6	—	21.0	718.6
1938-39	1,064.4	12.3	1,076.7	35.0	22.0	1,019.7
1939-40	1,348.8	12.1	1,360.9	62.3	23.0	1,275.6
1940-41	1,543.4	8.1	1,551.5	25.4	35.0	1,491.1
1941-42	1,844.9	0	1,844.9	19.7	40.1	1,785.1
1942-43	3,200.3	0	3,200.3	20.9	105.5	3,073.9
1943-44	3,446.0	0	3,446.0	16.1	107.1	3,322.8
1944-45	3,698.5	0	3,698.5	10.0	61.4	3,627.1
1945-46	3,837.3	—	3,837.3	9	181.4	3,655.0
1946-47	4,086.4	0	4,086.4	141.7	199.3	3,745.4
1947-48	3,832.7	0	3,832.7	95.7	353.8	3,383.2
1948-49	4,330.5	3.2	4,333.7	150.6	25.6	4,158.0
1949-50	4,585.6	26.1	4,611.7	47.4	47.3	4,517.0
1950-51	5,896.8	32.8	5,929.6	181.1	39.5	5,709.0
1951-52**	5,703.7	24.1	5,727.8	41.8	48.0	5,638.0

*Estimated.

**Preliminary.

Source of data: Bureau of Agricultural Economics, U. S. Department of Agriculture.

PRODUCTION OF SOYBEAN OIL MEAL BY MONTHS AND CROP YEARS, 1946-51 (1,000 tons)

	1947-48	1948-49	1949-50	1950-51	1951-52*
October	273.3	328.5	414.5	453.3	500.4
November	352.0	383.0	406.4	536.1	536.5
December	365.2	395.3	407.2	576.0	542.3
January	393.8	398.7	402.8	590.4	563.8
February	355.7	267.8	364.8	529.3	525.0
March	350.9	403.9	422.9	580.9	494.7
April	337.3	376.8	403.5	512.3	467.2
May	313.3	364.2	394.2	499.9	457.9
June	299.3	355.9	323.3	418.2	435.1
July	296.8	357.6	364.0	413.4	410.8
August	253.5	318.9	363.7	441.9	418.6
September	240.8	279.9	318.3	345.0	351.4
TOTALS	3,832.7	4,330.5	4,585.6	5,896.8	5,703.7

*Preliminary.

Source of data: Bureau of Agricultural Economics, U. S. Department of Agriculture.

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SOYBEAN OIL, MEAL AND CAKE PRODUCTION AND STOCKS BY STATES

CRUDE SOYBEAN OIL AND SOYBEAN CAKE AND MEAL, Production and Stocks by States, 1951-1949
(2,000 pounds)

State	CRUDE SOYBEAN OIL			SOYBEAN CAKE AND MEAL		
	1951	1950	1949	1951	1950	1949
UNITED STATES						
Production	2,472,838	2,074,702	1,859,066	5,910,591	4,922,838	4,451,832
Stocks, end of year	42,220	30,589	72,432	47,381		
Arkansas						
Production	51,776	(1)	25,926	137,156	(1)	68,947
Stocks, end of year	689	897	3,156	1,795		
Illinois						
Production	1,049,874	832,188	741,719	2,311,294	1,810,771	1,662,710
Stocks, end of year	16,701	8,949	14,305	10,680		
Indiana						
Production	209,145	179,985	151,092	496,282	430,898	367,254
Stocks, end of year	2,970	1,623	3,214	926		
Iowa						
Production	364,767	364,079	344,735	940,235	901,107	845,501
Stocks, end of year	10,919	6,354	4,698	5,088		
Kansas						
Production	51,175	39,259	44,611	131,096	94,254	114,004
Stocks, end of year	951	1,087	1,295	(1)		
Kentucky						
Production	70,587	62,692	58,426	154,563	137,503	135,059
Stocks, end of year	752	370	641	500		
Minnesota						
Production	94,560	66,459	71,757	241,202	174,237	177,774
Stocks, end of year	1,784	2,264	1,360	3,434		
Missouri						
Production	77,869	73,536	74,180	211,927	196,396	194,214
Stocks, end of year	1,611	1,798	2,107	1,494		
Nebraska						
Production	16,793	12,781	16,520	47,438	35,605	44,357
Stocks, end of year	369	243	(1)	(1)		
North Carolina						
Production	19,402	18,099	(1)	55,042	52,285	(1)
Stocks, end of year	836	548	6,364	5,821		
Ohio						
Production	258,427	249,930	215,907	633,216	605,867	529,638
Stocks, end of year	3,727	3,581	2,941	2,588		
Oklahoma						
Production	6,837	6,418	(1)	18,882	18,161	(1)
Stocks, end of year	531		5,829	(1)		
Texas						
Production	6,691	1,342	4,095	16,950	3,904	11,563
Stocks, end of year	(1)		1,737			
All other States						
Production	194,935	167,934	110,098	515,308	461,850	300,811
Stocks, end of year	6,380	2,875	24,785	15,055		

(1) Included in "All other States" to avoid disclosure of figures for individual companies.
From Bureau of Census.

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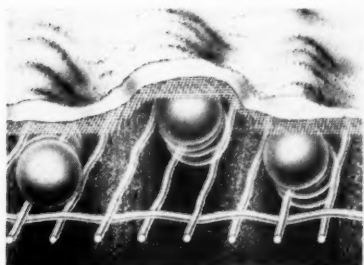
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PRODUCTION OF PROTEIN CONCENTRATE

PRODUCTION OF SPECIFIED PROTEIN CONCENTRATES IN THE UNITED STATES,
YEAR BEGINNING OCTOBER 1, 1937-41 AVERAGE AND 1945-1951

Protein Concentrate	Average 1937-41	1946-47	1947-48	1948-49	1949-50	1950-51	1951-52*
Thousand Tons							
Soybean cake and meal	1,305	4,086	3,833	4,330	4,586	5,897	5,704
Linseed cake and meal	616	374	625	687	689	730	495
Cottonseed cake and meal	2,057	1,428	2,016	2,416	2,497	1,723	2,519
Peanut cake and meal	67	122	123	117	137	151	93
Copra cake and meal	76	194	170	128	154	149	122
Gluten feed and meal	690	1,040	799	848	926	966	897
Tankage and meat scraps	656	726	790	817	826	858	909
Fish cake and meal	194	183	188	189	218	214	194
Dried milk products**	142	115	90	95	100	85	80
Other milk products†	1,829	1,300	1,260	1,280	1,300	1,250	1,225
TOTAL	7,632	9,568	9,894	10,907	11,433	12,023	12,238

*Preliminary

**Dried and concentrated skim milk, buttermilk, and whey manufactured for animal feed.

†Dry equivalent of skim milk, buttermilk, whey, and whole milk estimated fed on farms.

Source of data: Bureau of Agricultural Economics, U. S. Department of Agriculture.

PROTEIN CONCENTRATES: ESTIMATED USE FOR FEED IN THE UNITED STATES,
YEAR BEGINNING OCTOBER 1, 1937-41 AVERAGE AND 1945-1951*

Protein Concentrate	Average 1937-41	1946-47	1947-48	1948-49	1949-50	1950-51	1951-52
Thousands of tons							
Soybean cake and meal	1,258	3,745	3,383	4,158	4,517	5,709	5,638
Linseed cake and meal	481	370	606	620	670	732	520
Cottonseed cake and meal	1,958	1,434	1,953	2,271	2,382	1,849	2,646
Peanut cake and meal	74	98	122	96	93	130	97
Copra cake and meal	134	190	177	160	199	221	221
Gluten feed and meal	690	1,040	799	848	926	966	897
Tankage and meat scraps	728	740	823	854	842	882	930
Fish cake and meal	235	191	213	230	264	275	371
Dried milk products‡	142	115	90	95	100	85	80
Other milk products§	1,829	1,300	1,260	1,280	1,300	1,250	1,225
Total	7,529	9,223	9,426	10,612	11,293	12,099	12,625

*Domestic production plus imports, minus exports, and minus estimated utilization for food, industry and other nonfeed uses.

**Preliminary.

‡Dried and concentrated skim milk, buttermilk, and whey manufactured for animal feed.

§Dry equivalent of skim milk, buttermilk, whey, and whole milk estimated fed on farms.

Source of data: Bureau of Agricultural Economics, U. S. Department of Agriculture.

U. S. SOY FLOUR PRODUCTION

Soybeans Used in the Production of Soy Flour and Grits, Year Beginning October 1, 1942-52*

1,000 bu.

	Low fat	Full fat
1942-43	4,645	1,875
1943-44	4,470	1,605
1944-45	1,865	910
1945-46	8,278	1,061
1946-47	9,193	440
1947-48	17,119	162
1948-49	3,445	198
1949-50	3,715	228
1950-51	2,915	236
1951-52	3,426	254

* Estimated from reports on production of soy flour on basis that one bushel of soybeans will yield either 39 lbs. of low fat flour or 48 lbs. of full fat flour.

PRODUCTION OF SOYBEAN OIL

SOYBEAN OIL, CRUDE BASIS: PRODUCTION, TRADE, STOCKS DECEMBER 31, AND APPARENT
DISAPPEARANCE, 1930-52

Year	Factory Production	Imports*	Exports	Re-exports	Net Imports or Net Exports (-)	Factory and Warehouse Stocks Dec. 31	Apparent Disappearance
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
1930	14,387	8,248	4,962	517	2,869	15,178	17,709
1935	105,056	14,249	4,111	—	10,138	31,090	103,111
1940	533,224	4,849	15,954	—	-11,105	94,555	499,126
1941	585,629	759	12,066	—	-11,307	113,920	555,857
1942	761,582	—	19,428	—	-19,428	144,139	711,035
1943	1,233,751	—	57,351	—	-57,351	186,566	1,133,973
1944	1,245,873	—	79,513	—	-79,513	123,323	1,229,603
1945	1,391,650	—	40,463	—	-40,463	209,347	1,265,163
1946	1,454,339	—	90,444	—	-90,444	163,937	1,409,305
1947	1,542,984	71	109,760	—	-109,689	146,208	1,451,024
1948	1,604,320	365	85,669	—	-85,304	193,199	1,472,025
1949	1,859,066	239	363,981	—	-363,742	150,101	1,532,896
1950	2,074,702	—	299,790	—	-299,790	154,065	1,770,948
1951	2,472,838	—	503,717	—	-503,717	281,266	1,841,920
1952 Jan.-Sept.‡	1,782,056	1	170,053	—	-170,052	*194,397	1,698,963

Prepared by Bureau of Agricultural Economics, U. S. Department of Agriculture.

Compiled from reports of the Bureau of the Census. Stocks and trade Jan. 1942-Dec. 1948 are crude oil plus refined oil converted to crude basis by dividing by 0.94. Trade figures not separately reported as crude and refined before July 1941. Apparent disappearance computed from data on production, trade, and stocks.

*Imports for consumption beginning January 1934. ‡Less than 500 pounds. §Preliminary.

¶September 30.

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FATS AND OILS PRODUCTION

FATS AND OILS: PRODUCTION FROM DOMESTIC MATERIALS AND OIL EQUIVALENT OF EXPORTED OILSEEDS, UNITED STATES, YEAR BEGINNING OCTOBER, 1937-52

Item	Average		1918	1949	1950	1951 1/	1952 2/
	1937-41	1942-46					
	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.
Butter (actual weight)	2,200	1,760	1,657	1,701	1,472	1,411	1,475
Lard and rendered pork fat	2,091	2,514	2,479	2,626	2,811	2,929	2,625
Edible beef fats 3/	225	197	170	168	158	173	180
Total, edible animal fats	4,536	4,471	4,306	4,495	4,441	4,513	4,280
Corn oil	173	221	225	242	243	223	235
Cottonseed oil	1,456	1,179	1,735	1,795	1,227	1,722	1,700
Edible olive oil	6	5	8	2	2	4	5
Peanut oil	87	4/128	146	184	190	123	°30
Peanuts (shelled) oil equivalent of exports for crushing abroad 5/		10	214	32	21		°°
Soybean oil	500	1,344	1,807	1,937	2,454	2,444	2,800
Soybeans, oil equivalent of exports 6/	31	24	225	128	272	167	°°
Total, edible vegetable oils	2,253	2,911	4,358	4,321	4,408	4,682	4,770
Inedible tallow and greases	1,303	1,782	2,101	2,150	2,341	2,266	2,275
Fish, whale and seal oils 7/	220	170	111	158	164	123	100
Total, soap fats and oils	1,523	1,952	2,212	2,308	2,505	2,389	2,375
Linseed oil 8/	361	579	731	726	808	554	575
Flaxseed oil equivalent of exports 9/		10/	92	49	78	55	°°
Tung oil	2	8	17	27	12	14	30
Castor oil						8	15
Total, drying oils	363	588	840	802	899	631	620
Other fats and oils 11/	21	36	23	25	27	24	25
Grand total	8,696	9,958	11,738	11,950	12,281	12,240	12,070

Compiled by the Bureau of Agricultural Economics from reports of Bureau of the Census, Fish and Wildlife Service, and U. S. Department of Agriculture. Totals computed from unrounded numbers. 1/Preliminary. 2/Forecasts based on December 1 crop conditions and other indications. 3/Edible tallow, oleo stock, oleo oil, and oleotearine. Beginning January 1949, use of edible tallow in pressing is subtracted from reported production of tallow. 4/Excludes oil equivalent of Argentine peanuts imported in 1944. 5/43 percent of actual weight of peanuts. 6/9 pounds per bushel, 1937-46; 9.5 pounds in 1947; 9.8 pounds in 1948-51. 7/ Excludes cod oil and fish liver oils. 8/ Excludes oil equivalent of imported flaxseed. 9/ 19.8 pounds per bushel. 10/Less than 500,000 pounds. 11/Neats'-foot oil, wool grease, cod and fish-liver oils, and vegetable oils not reported separately by kind.

°Assumes practically no crushing of peanuts held by C.C.C.

°°Included in figure for item above.

Additional copies of the Soybean Blue Book may be purchased from the American Soybean Association, Hudson, Iowa, by members for \$1.

SOYBEAN OIL UTILIZATION

SOYBEAN OIL: UTILIZATION BY CLASSES OF PRODUCTS, UNITED STATES, 1931-52

Year	Food products				Nonfood products						Total domestic disappearance
	Margarine	Shortening	Other*	Total	Soap	Paint and varnish	Other drying oil products†	Miscellaneous non-food products	Loss, including oil in foots‡	Total	
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1931	622	10,869	7,261	18,752	3,816	6,256	3,773	923	1,625	16,393	35,145
1932	3	4,889	14,166	19,058	5,571	7,485	5,139	844	1,158	20,197	39,255
1933	7	489	9,153	9,649	4,235	8,568	7,150	1,182	867	22,002	31,651
1934	24	2,735	10,284	13,043	1,354	10,451	4,062	949	823	17,639	30,682
1935	1,740	52,452	21,366	75,558	2,549	13,003	5,784	749	5,468	27,553	103,111
1936	14,261	113,897	59,270	187,428	5,023	14,471	4,821	1,532	8,959	34,806	222,234
1937	31,791	90,798	20,037	142,626	10,274	16,143	2,685	1,367	9,926	40,395	183,021
1938	39,885	137,133	79,247	256,265	10,897	15,183	6,601	2,403	14,046	49,130	305,395
1939	70,822	201,599	117,297	389,718	11,177	21,720	11,633	4,199	16,265	64,994	454,712
1940	87,103	212,317	107,468	406,888	17,612	29,828	16,432	7,442	20,924	92,238	499,126
1941	75,634	215,967	140,147	431,748	24,737	41,594	20,816	10,550	26,412	124,109	555,857
1942	133,346	335,555	129,530	598,431	31,510	25,307	8,115	6,132	41,540	112,604	711,035
1943	198,020	568,405	205,263	971,688	15,428	20,462	18,512	14,884	92,999	162,285	1,133,973
1944	211,105	620,257	274,856	1,106,218	3,258	19,105	17,543	14,295	69,184	123,385	1,229,603
1945	206,642	683,011	242,769	1,132,422	4,219	25,624	20,133	16,443	66,322	132,741	1,265,163
1946	200,681	743,527	292,744	1,236,952	3,545	30,435	36,490	24,443	77,440	172,353	1,409,305
1947	227,595	705,280	248,047	1,180,922	5,375	89,491	69,316	36,737	69,184	270,103	1,451,024
1948	255,213	707,530	239,211	1,201,954	2,794	100,195	61,728	32,308	73,046	270,071	1,472,025
1949	257,287	712,154	235,933	1,205,374	1,991	109,893	90,415	45,556	79,667	327,522	1,532,896
1950	305,791	839,641	312,801	1,458,233	1,448	107,263	78,599	43,160	82,245	312,715	1,770,948
1951	469,490	730,795	349,276	1,549,561	1,677	87,762	66,671	52,582	83,665	292,357	1,841,918
1952‡ Jan.-Sept.	454,357	615,141	361,051	1,430,549	1,047	58,903	79,037	53,194	76,213	268,414	1,698,963

Percentage of Total Domestic Disappearance

	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1931	1.8	30.9	20.7	53.4	10.9	17.8	10.7	2.6	4.6	46.6	100.0
1932	1	12.4	36.1	48.5	14.2	19.1	13.1	2.2	2.9	51.5	100.0
1933	1	1.6	28.9	30.5	13.4	27.1	22.6	3.7	2.7	69.5	100.0
1934	.1	8.9	33.5	42.5	4.4	34.1	13.2	3.1	2.7	57.5	100.0
1935	1.7	50.9	20.7	73.3	2.5	12.6	5.6	.7	5.3	26.7	100.0
1936	6.4	51.2	26.7	84.3	2.3	6.5	2.2	.7	4.0	15.7	100.0
1937	17.3	49.6	11.0	77.9	5.6	8.8	1.5	.8	5.4	22.1	100.0
1938	13.1	44.9	25.9	83.9	3.6	5.0	2.1	.8	4.6	16.1	100.0
1939	15.6	44.3	25.8	85.7	2.4	4.8	2.6	.9	3.6	14.3	100.0
1940	17.5	42.5	21.5	81.5	3.5	6.0	3.3	1.5	4.2	18.5	100.0
1941	13.6	38.9	25.2	77.7	4.5	7.4	3.7	1.9	4.8	22.3	100.0
1942	18.8	47.2	18.2	84.2	4.4	3.6	1.1	.9	5.8	15.8	100.0
1943	17.5	50.1	18.1	85.7	1.4	1.8	1.6	1.3	8.2	14.3	100.0
1944	17.2	50.4	22.4	90.0	.3	1.5	1.4	1.2	5.6	10.0	100.0
1945	16.3	54.0	19.2	89.5	.3	2.0	1.6	1.3	5.3	10.5	100.0
1946	14.2	52.8	20.8	87.8	.3	2.2	2.6	1.7	5.4	12.2	100.0
1947	15.7	48.6	17.1	81.4	.4	6.1	4.8	2.5	4.6	18.6	100.0
1948	17.3	48.1	16.3	81.7	.2	6.8	4.2	2.2	4.9	18.3	100.0
1949	16.8	46.4	15.4	78.6	.1	7.2	5.9	3.0	5.2	21.4	100.0
1950	17.3	47.4	17.7	82.4	.1	6.1	4.4	2.4	4.6	17.6	100.0
1951	25.5	39.7	18.9	84.1	.1	4.8	3.6	2.9	4.5	15.9	100.0
1952‡ Jan.-Sept.	26.7	36.2	21.3	84.2	.1	3.5	4.6	3.1	4.5	15.8	100.0

Compiled as follows:

Utilization in margarine: 1931 through June 1950, from reports of the Commissioner of Internal Revenue; July 1950 and subsequently, from Bureau of the Census.

Utilization in other products, factory consumption, from Bureau of the Census, Animal and Vegetable Fats and Oils, except as noted.

* Mainly utilization in salad and cooking oils, mayonnaise, and salad dressings, and direct use in homes, bakeries, restaurants and institutions. Includes unreported disappearance of soybean oil; that is, the difference between total domestic disappearance and total factory consumption, including loss and oil in foots.

† Difference between total estimated use in drying-oil products and factory consumption in paint and varnish.

‡ Foots are used in nonfood products, largely in the manufacture of soap and fatty acids. Estimated since June 1942 as the difference between crude oil used in refining and production of refined oil.

§ Preliminary.

¶ Less than .05 percent.

Prepared by Bureau of Agricultural Economics, U. S. Dept. of Agriculture.

SOYBEAN OIL UTILIZATION—(Continued)

**Soybean Oil, REFINED: Factory Consumption, by Uses, in the United States, 1950, 1951
and the first three quarters of 1952**

	1952				
	1950	1951	First Quarter	Second Quarter	Third Quarter
			Thousands of Pounds		
Total consumption	1,626,638	1,757,211	492,477	530,418	485,536
Processing:					
Fat splitting	1/	—	—	—	—
Hydrogenation	524,353	660,635	202,861	209,936	194,617
Sulphonation	655	684	138	1/5	139
Winterizing	1/	1/	1/	1/	1/
Pressing	—	—	—	—	—
Deodorizing (whole oil)	87,022	137,841	19,999	27,096	30,099
Other processing	1/	6,567	1/	1/	1/
Edible products:					
Shortening	649,328	524,074	142,370	160,125	143,429
Margarine	31,896	68,871	21,784	21,000	19,337
Other edible	74,887	84,157	21,072	26,792	23,704
Inedible products:					
Soap	1/	433	119	1/	1/
Chemicals	1/	1/	1/	1/	1/
Paint and varnish	82,848	57,486	15,740	16,893	15,568
Lubricants and greases	188	221	53	40	30
Linoleum and oilcloth	1/	1/	4,818	5,759	3,466
Other inedible products	63,659	87,146	28,412	23,476	23,681

1/ Not separately reported for part or all of period.

Table prepared in the Bureau of Agricultural Economics, U.S.D.A., from data reported by the Bureau of the Census.

**Soybean Oil, CRUDE: Factory Consumption, by Uses in the United States, 1950, 1951
and the first three quarters of 1952**

			1952		
	1950	1951	First Quarter	Second Quarter	Third Quarter
			Thousands of Pounds		
Total consumption	1,835,069	2,029,593	585,429	598,850	548,756
Used in refining	1,781,627	1,976,114	568,416	583,561	528,200
Total use other than in refining	53,442	53,479	17,013	15,289	20,556
Processing					
Fat splitting	1/	1/	1/	1/	1/
Hydrogenation	1/	1/	—	—	—
Sulphonation	1/	1/	1/	—	—
Other Processing	23,823	24,038	9,880	6,970	12,389
Edible products:					
Shortening	1/	1/	—	—	—
Other edible	1/	1/	—	—	—
Inedible products:					
Soap	1,324	1,244	292	335	226
Chemicals	1/	1/	—	—	—
Paint and varnish	4,188	3,252	1,380	1,554	1,544
Lubricants and greases	1/	295	77	93	46
Linoleum and oilcloth	1/	1/	1/	1/	1/
Other inedible products	18,364	15,513	4,715	5,517	5,213

1/ Not separately reported for part or all of period.

Table prepared in the Bureau of Agricultural Economics, U.S.D.A., from data reported by the Bureau of the Census.

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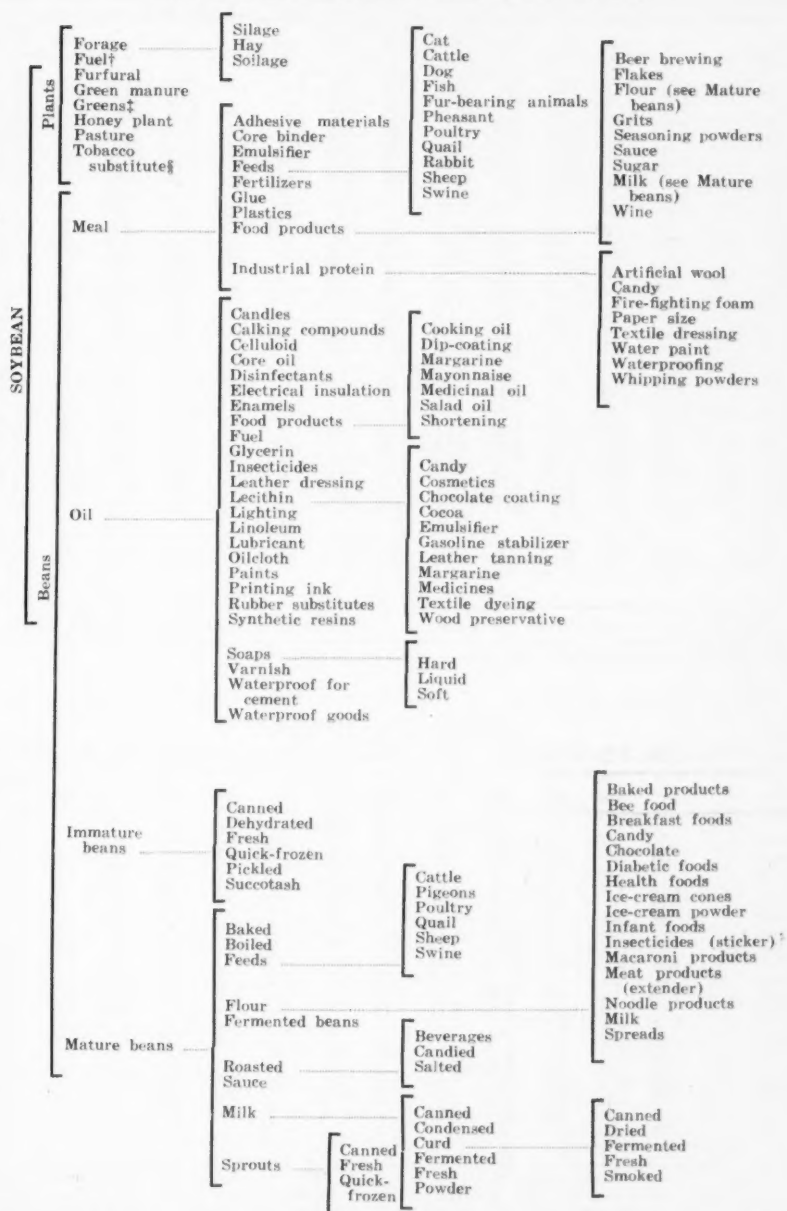
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SOYBEAN UTILIZATION

(From U. S. Department of Agriculture Bulletin No. 2038)



†—Roots and coarse stems are used as fuel in China, Manchuria, and Korea.

‡—In many parts of China the plants, when 3 to 4 inches high, are used as greens.

§—In Manchuria and Korea the leaves are cured and smoked as tobacco.

PRICES OF U. S. SOYBEANS

SOYBEANS: Average Price Received by Farmers, Monthly and Season Average, United States, 1923-52

Crop Year	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Season Average
	DOLLARS			PER			BUSHEL						
1923-24	2.09	2.10	2.11	2.23	2.26	2.41	2.40	2.44	2.49	2.60	2.51	2.33	2.28
24-25	2.23	2.16	2.36	2.59	2.64	2.76	2.77	2.81	2.70	2.71	2.40	2.38	2.46
25-26	2.27	2.18	2.17	2.05	2.33	2.39	2.27	2.37	2.67	2.71	2.31	2.27	2.34
26-27	1.97	1.85	1.83	1.90	2.03	1.98	2.07	2.15	2.20	2.14	2.06	1.91	2.01
27-28	1.86	1.69	1.61	1.70	1.69	1.85	1.93	2.06	2.13	2.12	2.01	1.89	1.81
28-29	1.72	1.69	1.70	1.82	1.93	2.13	2.19	2.30	2.41	2.46	2.15	1.87	1.88
29-30	1.79	1.70	1.72	1.85	1.91	2.00	2.07	2.11	2.16	1.96	1.90	1.80	1.88
1930-31	1.64	1.48	1.44	1.46	1.40	1.42	1.38	1.39	1.29	1.12	.94	.82	1.37
31-32	.52	.47	.47	.47	.48	.51	.51	.52	.51	.47	.47	.47	.50
32-33	.46	.45	.44	.45	.45	.48	.58	.86	.98	1.04	.94	.85	.54
33-34	.68	.69	.73	.81	1.01	1.16	1.26	1.25	1.45	1.54	1.25	1.05	.94
34-35	.95	.89	1.11	1.19	1.27	1.20	1.18	1.21	1.19	.98	.73	.69	.99
35-36	.68	.69	.72	.76	.77	.78	.78	.83	.85	1.05	1.19	1.10	.73
36-37	1.07	1.12	1.30	1.43	1.50	1.52	1.66	1.74	1.50	1.32	1.02	.90	1.27
37-38	.86	.83	.83	.88	.93	.89	.85	.87	.86	.85	.75	.71	.86
38-39	.64	.63	.67	.72	.69	.73	.78	.87	.83	.75	.64	.73	.67
39-40	.73	.82	.97	1.03	.96	1.01	1.00	.96	.79	.73	.67	.69	.81
1940-41	.67	.84	.81	.89	.84	.89	1.07	1.19	1.23	1.30	1.29	1.61	.90
41-42	1.42	1.43	1.47	1.65	1.78	1.79	1.76	1.73	1.63	1.62	1.58	1.57	1.55
42-43	1.58	1.58	1.59	1.59	1.60	1.65	1.67	1.72	1.73	1.70	1.68	1.69	1.61
43-44	1.80	1.80	1.81	1.82	1.85	1.89	1.91	1.93	1.93	1.91	1.90	1.93	1.81
44-45	2.04	2.05	2.05	2.06	2.10	2.13	2.13	2.15	2.17	2.16	2.12	2.07	2.05
45-46	2.06	2.09	2.09	2.09	2.11	2.12	2.14	2.16	2.17	2.31	2.35	2.13	2.08
46-47	2.28	3.09	2.75	2.93	3.00	3.67	3.62	3.01	3.07	3.09	3.07	3.05	2.57
47-48	3.11	3.43	3.69	4.11	2.97	3.23	3.64	3.74	3.90	3.66	2.91	2.45	3.34
48-49	2.27	2.36	2.36	2.27	2.05	2.12	2.08	2.18	2.10	2.27	2.60	2.14	2.27
49-50	2.09	1.95	2.09	2.11	2.12	2.25	2.48	2.71	2.80	2.93	2.42	2.26	2.16
1950-51	2.03	2.54	2.70	2.90	3.08	3.10	3.12	3.13	2.98	2.86	2.71	2.59	2.47
51-52	2.62	2.77	2.83	2.78	2.78	2.76	2.72	2.77	3.02	3.00	3.05	2.83	2.73
52-53	2.71	2.71	2.75										

Source: Bureau of Agricultural Economics, U. S. Department of Agriculture. Monthly figures are average prices received by farmers on the 15th of the month. Season averages are crop-year average prices, by states, weighted by production to obtain U. S. average.

SOYBEANS FOR CRUSHING:

Average Prices of No. 2 Yellow Soybeans, Bulk, in Carlots at Chicago, by Months, Oct. 1933- Dec. 1952*

Crop Year	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Season Average**
	DOLLARS			PER			BUSHEL						
1933-34	.72	.73	.76	.79	.82	.82	.88	.90	.93	.94	.94		.84
1934-35	.86	.96	1.24	1.27	1.29	1.13	1.10	1.07	.95			.72	1.06
1935-36	.79	.81	.87	.88	.85	.82	.83	.85	.91	1.22	1.42	1.27	.96
1936-37	1.23	1.29	1.46	1.61	1.59	1.59	1.74	1.75	1.40	1.39	1.12	.98	1.43
1937-38	.98	.93	.95	1.00	1.04	.98	.92	.91	.88	.92	.86	.84	.93
1938-39	.74	.74	.81	.84	.82	.88	.89	.96	.93	.90		.87	.85
1939-40	.87	.98	1.15	1.16	1.06	1.14	1.09	1.00	.81	.82	.81	.81	.96
1940-41	.83	.95	.96	1.02	.95	1.04	1.20	1.32	1.39	1.50	1.57	1.83	1.06
1941-42	1.58	1.60	1.67	1.83	1.95	1.92	1.83	1.80	1.72	1.74	1.71	1.71	1.68
1942-43						1.79	1.71	1.71	1.71	1.71	1.71		1.72
1943-44	1.88		1.86	1.87		1.94			1.92	1.95	1.94	2.04	1.90
1944-45				2.19	2.21	2.20	2.22		2.20		2.18	2.17	2.20
1945-46	2.11	2.18	2.18										2.13
1946-47	2.87	3.29	3.12	3.21						3.34	3.11	2.92	3.04
1947-48	3.39	3.66	3.93	4.21		3.59	3.86	4.02		3.78	3.22		3.80
1948-49	2.44	2.58	2.62	2.47	2.26	2.28	2.26	2.32	2.33	2.64	3.20	2.21	2.45
1949-50	2.23	2.19	2.31	2.31	2.36	2.48	2.69	3.11	3.00	3.12	2.92		2.29
1950-51	2.37	2.75	3.02	3.22	3.30		3.25		3.17	3.02		2.66	2.61
1951-52	2.91	2.93	2.99	2.98	3.05		2.83	3.03	3.25	3.28			2.98
1952-53	2.92	2.92	2.90										

*Source: Bureau of Agricultural Economics, U. S. Dept. of Agriculture. Compiled as follows: Oct. 1933-May 1942 from Chicago Daily Trade Bulletin, June 1942 and subsequently from Chicago Journal of Commerce. Monthly prices, Oct. 1933-Sept. 1939, are simple averages of daily quotations, net track price; monthly prices, Oct. 1939 and subsequently, are weighted averages of reported cash sales—computed by weighting daily selling price by number of carlots sold. **Season average prices 1933-34 through 1938-39, are simple averages of monthly prices; beginning with 1939-40 the season averages are weighted by the monthly volume of cash sales.

PRICES OF U. S. SOYBEAN OIL MEAL AND OIL

SOYBEAN OIL MEAL:

Average Price Per Ton, Bagged, in Carlots, 41 Percent Protein, at Chicago by Months,
Oct. 1929—Dec. 1952*

Crop Year	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Season Average**
DOLLARS PER TON													
1929-30	58.30	54.20	53.05	51.80	48.25	48.20	50.15	50.70	48.75	46.00	47.80	47.50	50.40
1930-31	44.00	41.20	40.00	39.30	36.60	33.15	31.90	28.60	25.80	24.90	23.35	21.40	32.50
1931-32	18.60	23.85	23.00	20.45	18.75	18.90	19.90	19.95	20.20	20.05	22.60	23.70	20.85
1932-33	22.75	21.70	21.70	21.70	21.70	22.60	23.70	28.30	28.85	39.20	39.00	34.85	27.15
1933-34	31.70	30.15	30.50	30.60	31.50	32.50	33.25	33.60	34.50	34.50	37.75	39.50	33.35
1934-35	38.50	38.85	41.20	40.70	38.45	37.10	33.80	33.20	31.70	29.05	24.00	22.85	34.10
1935-36	25.60	24.40	25.50	25.15	23.90	22.30	23.30	24.80	26.10	38.90	44.30	39.70	28.65
1936-37	36.90	39.15	43.00	44.10	41.50	41.10	47.60	48.35	39.20	37.30	34.90	34.20	40.60
1937-38	28.80	29.60	28.60	30.00	29.60	28.10	26.00	26.30	25.30	26.95	26.15	27.00	27.70
1938-39	24.60	24.40	28.20	26.30	24.70	24.45	24.70	26.30	25.95	24.70	25.70	33.70	26.00
1939-40	28.30	32.70	34.95	33.90	29.95	30.45	29.65	28.65	24.40	22.25	24.60	27.00	28.90
1940-41	25.90	30.50	29.60	29.75	26.60	26.85	27.50	28.10	29.70	33.80	36.20	41.40	30.50
1941-42	37.95	39.10	42.50	46.45	46.45	44.85	41.00	38.30	37.90	41.80	42.60	43.50	41.85
1942-43	42.70	46.60	39.00	39.35	39.60	40.60	40.60	40.55	40.40	40.40	51.90	51.90	42.80
1943-44	51.90	51.90	51.90	51.90	51.90	51.90	51.90	51.90	51.90	51.90	51.90	52.00	51.90
1944-45	52.00	52.00	52.00	52.00	52.00	52.00	52.00	52.00	52.00	52.00	52.00	52.00	52.00
1945-46	52.00	52.00	52.00	52.00	52.00	52.00	52.00	62.50	66.00	97.00	93.15	66.00	62.40
1946-47	79.50	93.35	80.70	71.90	65.40	81.05	72.15	68.55	76.30	89.75	91.90	102.70	81.10
1947-48	91.05	92.90	101.50	110.25	89.00	84.75	86.20	86.60	94.25	96.90	84.40	81.50	91.60
1948-49	66.80	79.25	78.00	73.45	65.80	67.40	70.55	71.00	75.40	85.55	100.30	83.15	76.40
1949-50	74.80	69.40	68.80	66.00	65.05	69.65	73.30	82.60	85.15	96.40	78.20	65.85	74.60
1950-51	64.90	73.35	76.40	77.20	82.55	79.65	75.45	76.55	76.30	80.50	77.40	82.80	76.90
1951-52	86.25	86.65	86.65	86.65	87.00	87.00	99.65	102.65	106.70	105.05	117.20	103.35	96.25
1952-53	93.70	88.00	85.05										

*Source: Bureau of Agricultural Economics, U. S. Dept. of Agriculture. Beginning June 1950, prices are on basis of 44 percent protein.

** Simple average for months shown, rounded to nearest five cents.

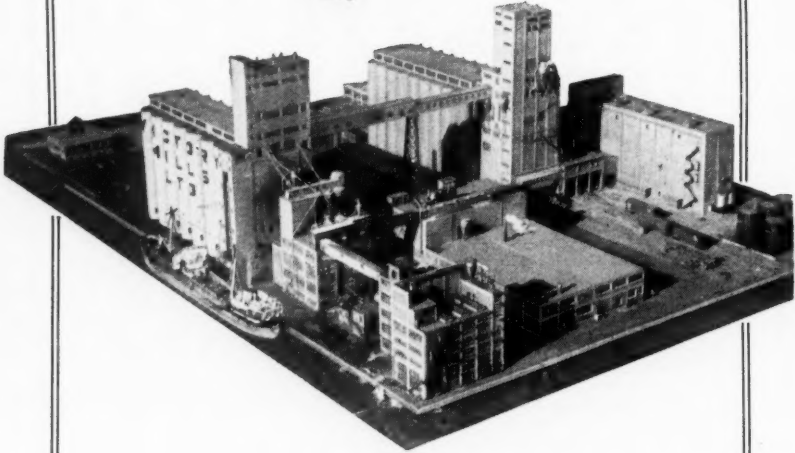
SOYBEAN OIL, DOMESTIC CRUDE:

Average Price Per Pound in Tank Cars at Midwestern Mills, by Months, Oct. 1929-Dec. 1952*

Crop Year	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Season Average**
cents													
1929-30	10.7	9.7	8.8	8.4	8.4	9.0	8.9	8.9	9.3	9.3	9.3	9.3	9.1
1930-31	8.8	7.4	6.7	6.4	6.0	5.7	5.3	6.2	5.7	6.1	6.0	5.3	6.3
1931-32	5.1	4.4	3.8	3.3	3.2	3.1	3.0	3.0	3.0	3.1	3.1	3.2	3.4
1932-33	3.4	2.9	3.0	3.0	3.2	3.5	3.4	4.5	6.1	7.4	8.0	6.8	4.6
1933-34	6.0	6.2	6.2	5.6	5.6	5.9	6.0	6.0	5.5	5.8	5.7	5.8	5.9
1934-35	6.1	6.3	7.3	7.8	8.1	9.1	8.4	8.8	8.6	7.8	7.1	7.7	7.8
1935-36	8.1	8.1	8.1	7.6	7.2	6.8	6.8	6.3	6.0	7.9	8.0	8.2	7.4
1936-37	8.0	8.0	9.1	9.8	9.9	9.8	9.8	9.0	8.2	—	—	—	9.1
1937-38	5.8	5.6	5.2	5.8	6.1	6.4	5.9	5.7	5.2	5.9	5.7	5.2	5.7
1938-39	5.0	5.1	5.1	4.9	4.8	4.9	4.7	4.9	4.8	4.2	4.0	5.6	4.8
1939-40	5.0	4.7	5.3	5.2	5.4	5.6	5.5	5.0	4.7	4.6	4.2	3.9	4.9
1940-41	3.9	4.2	4.5	5.1	5.1	6.1	7.6	8.7	9.6	9.8	9.5	10.5	7.0
1941-42	10.4	9.8	10.1	11.4	11.7	11.8	11.8	11.8	11.6	11.2	11.4	11.7	11.2
1942-43	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
1943-44	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
1944-45	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
1945-46	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.9
1946-47	18.8	24.2	24.6	26.0	28.4	33.6	27.4	21.4	18.2	17.2	15.9	18.8	22.9
1947-48	20.7	25.6	26.2	26.6	19.6	21.4	24.5	26.3	27.3	22.1	22.1	22.8	23.8
1948-49	18.6	19.1	17.3	14.3	12.3	10.8	10.5	10.8	9.4	9.7	12.9	11.4	13.1
1949-50	10.1	9.6	10.2	10.8	11.4	12.8	13.1	13.8	13.2	12.9	14.5	15.0	12.3
1950-51	14.6	17.1	19.6	20.6	21.1	20.5	20.5	19.5	16.4	14.5	15.4	14.0	17.8
1951-52	13.8	13.2	12.6	11.2	10.7	10.2	9.1	10.1	11.2	11.3	11.5	11.2	11.3
1952-53	10.9	11.8	12.9										

* Source: Bureau of Agricultural Economics, U. S. Dept. of Agriculture. Monthly prices, Oct. 1929 through Sept. 1938, compiled from Oil Paint and Drug Reporter; Oct. 1938 through Dec. 1952 compiled from The National Provisioner.

** Simple average for months shown.



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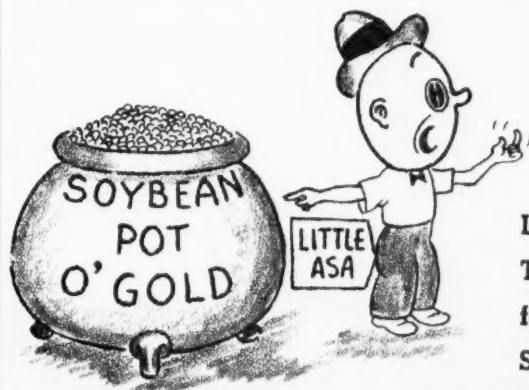
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IMPORTS, EXPORTS, CAKE AND MEAL

OILSEED CAKE AND MEAL: Imports and Exports, United States, year beginning October 1929-51

Year begin- ning October	Imports					Exports						
	Cotton- seed cake and meal	Soybean cake and meal	Linseed cake and meal	Peanut cake and meal	Copra cake and meal	Total	Cotton- seed cake and meal	Soybean cake and meal	Linseed cake and meal	Peanut cake and meal	Copra cake and meal	Total
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1929	18.5	73.5	31.5	75.3	16.3	148.1	126.2	*	232.2	*	*	358.4
1930	.3	24.0	10.1	12.2	10.9	47.5	55.1	*	204.9	*	*	260.0
1931	1.1	18.6	12.3	12.3	4.6	38.9	218.9	*	169.2	*	*	358.1
1932	3.0	28.3	11.2	12.3	7.1	51.9	145.8	*	168.0	*	*	313.8
1933	5.0	25.0	8.7	1.2	27.9	67.8	63.1	*	241.7	*	*	304.8
1934	47.4	64.2	10.2	3.5	51.5	176.8	2.9	*	205.5	*	*	208.4
1935	5.7	20.0	17.2	1.9	49.3	94.1	10.6	*	210.6	*	*	221.2
1936	26.8	55.7	15.9	9.6	73.0	181.0	12.6	*	328.8	*	*	341.4
1937	4.6	15.5	5.3	2.2	39.8	67.4	88.5	*	240.3	*	*	328.8
1938	4.4	12.3	7.8	10.5	53.9	88.9	11.6	35.0	286.6	*	*	333.2
1939	33.0	12.1	1.3	9.8	88.4	144.6	4.9	62.3	146.7	*	*	213.9
1940	52.2	8.1	.6	7.5	84.0	152.4	.9	25.4	4.8	*	*	31.1
1941	37.3	0	.2	7.1	22.6	67.2	1.1	19.7	11.1	*	*	31.9
1942	46.8	0	1.0	4.6	0	52.4	1.7	20.9	4.2	.1	.1	27.0
1943	96.3	0	2.5	3.6	0	102.4	.6	16.1	1.5	.1	.1	18.4
1944	87.4	0	10.0	2.5	.1	100.0	2	10.0	.7	.4	.1	11.2
1945	47.6	†	1.2	3.1	1.5	53.4	†	.9	.3	.1	.1	1.4
1946	15.6	0	†	1.1	.5	17.2	5.3	141.7	4.6	26.2	5.1	182.9
1947	13.8	0	8.8	3.1	7.0	32.7	9.6	95.7	28.5	3.7	0	137.5
1948	39.4	3.2	8.1	.9	44.3	95.9	121.7	150.1	54.0	21.1	0	346.9
1949	104.8	26.1	4.8	6.2	56.4	198.3	123.6	47.4	6.5	48.9	0	226.4
1950	90.7	32.8	1.0	1.1	65.8	191.4	13.2	181.1	29.2	24.0	.3	247.8
1951	203.1	24.1	23.3	5.2	104.1	359.8	35.0	41.8	7.0	2.2	†	86.0

†Calendar year following *Not separately reported. ‡Less than 50 tons. Compiled from data of the Bureau of Foreign and Domestic Commerce, and Bureau of the Census. Table prepared by the Bureau of Agricultural Economics, U. S. Dept. of Agriculture.



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THE SOYBEAN DIGEST, Hudson, Iowa

PRODUCTION, EXPORTS SOY FLOUR AND GRITS

SOY FLOUR AND GRITS: UNITED STATES PRODUCTION AND EXPORTS: 1935-52

Year beginning October 1	Production*			Exports		
	Full fat Products	Low fat and defatted products	Total	Commercial †	Military ‡	Total
	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.
1935-36			22,000			
1936-37			24,000			
1937-38			26,000			
1938-39			28,000			
1939-40			30,000			
1940-41			50,000			
1941-42	28,000	56,125	84,125			
1942-43	90,600	181,000	271,600	22,971		22,971
1943-44	77,185	174,280	251,465	100,540		100,540
1944-45	43,925	72,715	116,640	58,460	14,374	72,834
1945-46	50,914	322,761	373,675	183,642	3,604	187,246
1946-47	21,263	358,537	379,800	105,814	135,223	241,037
1947-48	7,746	667,633	675,379	479,674	74,879	554,553
1948-49	9,492	134,356	143,848	56,186		56,186
1949-50	10,960	144,874	155,834	13,873		13,873
1950-51	11,348	113,680	125,028	7,435		7,435
1951-52	12,192	133,626	145,818	7,925		7,925

*Based on reports of the Soy Flour Association supplemented by information furnished the War Food Administration by the industry for 1924-48 and the bureau of the Census for 1949 to date. Data for 1935-41 are rough approximations used during the war years since no exact data were available.

†Reported by the Bureau of the Census—not available prior to 1943. Thus the first figure is for January-September 1943 only. Includes exports under the Lend Lease program.

‡Shipments for military relief feeding furnished by the National Military Establishments for 1944-46 and by the Bureau of the Census for 1947. Beginning with January 1948 included with commercial exports. The export figures do not include purchases by the Military for its own use.

Compiled by Grain Branch, P.M.A., U. S. Department of Agriculture.

IMPORTS, EXPORTS FATS AND OILS

United States: Trade in soybeans and oil and total trade in fats and oils. Average 1935-39, annual 1940-51, and January-November 1952 (Oil equivalent)

Calendar year	Exports			Imports	
	Total fats and oils	Soybeans and oil	Percentage Soybean	Total fats and oils	Soybeans and oil
	1,000 pounds	1,000 pounds	Percent	1,000 pounds	1,000 pounds
Average 1935-39	285,870	49,604	17.4	2,244,764	11,966
Annual					
1940	350,129	37,924	10.8	1,640,044	4,859
1941	560,611	16,194	2.9	1,903,143	767
1942	854,366	21,643	2.5	842,054	1
1943	1,385,095	67,141	4.8	999,064	3
1944	1,422,139	80,046	5.6	962,100	3
1945	851,678	100,431	11.8	881,042	40
1946	728,051	111,969	15.4	935,425	0
1947	839,753	130,125	15.5	1,403,713	71
1948	888,717	145,880	16.4	1,253,957	381
1949	2,236,930	592,448	26.5	1,088,404	300
1950	1,991,625	486,686	24.4	1,315,237	30
1951	2,393,315	744,376	31.1	1,178,884	15
1952 Jan.- Nov. 1/	2,029,234	378,053	18.6	873,538	5

1/ Preliminary.

Compiled by Fats and Oils Division, Office of Foreign Agricultural Relations, U. S. Department of Agriculture.



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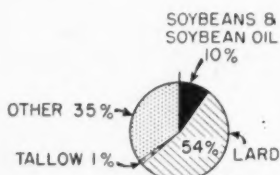
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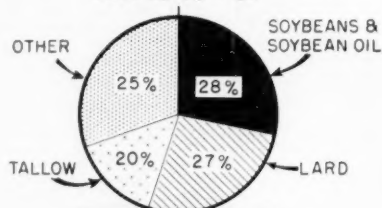
EXPORTS

AV. 1939 - 41



533 MIL. LBS.

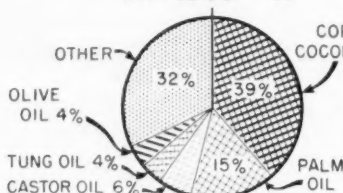
AV. 1949 - 51



2,198 MIL. LBS.

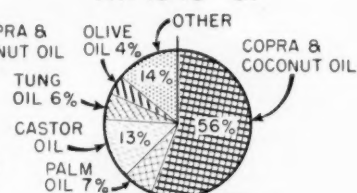
IMPORTS

AV. 1939 - 41



1,824 MIL. LBS.

AV. 1949 - 51



1,219 MIL. LBS.

U S D A

OFAR-NEG 2018

In the years between 1939-41 and 1949-51, the United States changed from a major net importer of fats, oils, and oil-bearing materials to a major net exporter. During the 3-year period ending with 1941, imports averaged nearly 1.3 billion pounds (oil equivalent) more than exports. Conversely, by 1949-51, exports averaged nearly 1 billion pounds more than imports.

Soybeans and soybean oil, lard, and tallow head the list of American exports of fats and oils. Tallow exports have risen sharply since prewar years—from an average of 2.3 million pounds during 1939-41 to 444 million pounds during 1949-51. Soybean oil shipments increased from an average of 54 million pounds to some 617 million pounds. Lard exports doubled but the percent of total exported as lard fell by one half.

United States imports of fats and oils consist mainly of tropical oils not produced domestically. Some castor, tung, olive, and certain other oils are brought in, however, to supplement domestic production. Fats and oils imports have declined in recent years because production has expanded greatly and because technological development have reduced the need for tropical oils.

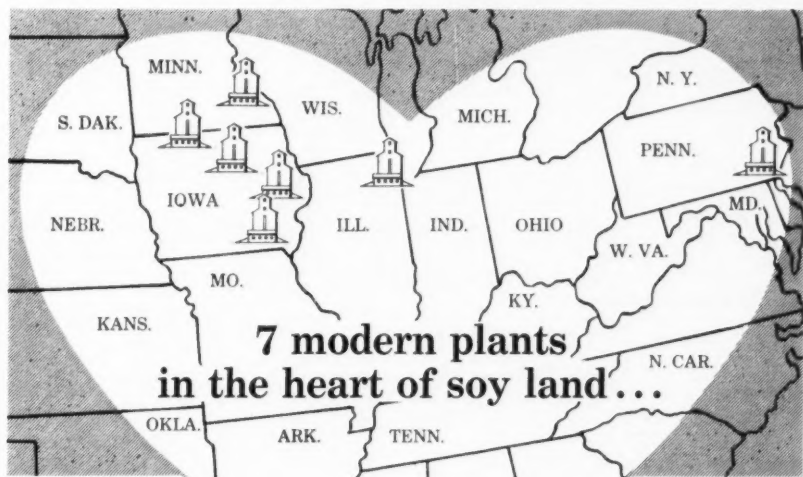
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SOYBEAN PROCESSING OPERATIONS

SOYBEANS, NET RECEIPTS, CRUSHINGS, AND STOCKS AT OIL MILLS, BY STATES, 1951-1949
(2,000 pounds)

State	1951	1950	1949	State	1951	1950	1949
UNITED STATES				Crushed or used	304,610	212,273	218,506
Receipts at mills	7,124,233	6,630,772	5,993,519	Stocks	51,754	18,136	
Crushed or used	7,583,515	6,311,133	5,665,195	Missouri			
Stocks	2,314,897	1,995,240		Receipts at mills	260,206	261,167	273,228
Arkansas				Crushed or used	262,970	243,576	239,935
Receipts at mills	157,532	185,000	93,271	Stocks		127,742	110,151
Crushed or used	174,486	†	88,585	Nebraska			
Stocks		155,129	73,981	Receipts at mills	52,351	56,178	50,146
Illinois				Crushed or used	56,099	42,250	52,762
Receipts at mills	2,982,118	2,391,362	2,383,216	Stocks		30,128	†
Crushed or used	3,071,257	2,432,158	2,204,324	North Carolina			
Stocks		714,108	754,904	Receipts at mills	67,790	76,943	68,549
Indiana				Crushed or used	69,155	66,186	†
Receipts at mills	537,841	552,455	485,590	Stocks		54,849	44,092
Crushed or used	631,097	540,105	463,034	Ohio			
Stocks		205,031	192,681	Receipts at mills	765,064	741,237	732,583
Iowa				Crushed or used	800,314	767,549	666,997
Receipts at mills	1,100,420	1,093,447	1,110,378	Stocks		256,981	283,293
Crushed or used	1,157,413	1,106,814	1,033,193	Oklahoma			
Stocks		266,974	280,341	Receipts at mills	28,296	27,524	†
Kansas				Crushed or used	23,128	22,595	†
Receipts at mills	167,008	123,697	140,483	Stocks		4,929	
Crushed or used	161,517	117,194	138,142	Texas			
Stocks		27,869	21,366	Receipts at mills	5,414	21,556	†
Kentucky				Crushed or used	21,398	4,867	14,300
Receipts at mills	185,918	191,409	†	Stocks		16,889	†
Crushed or used	201,672	177,938	171,405	All other States			
Stocks		76,607	†	Receipts at mills	531,207	662,906	493,660
Minnesota				Crushed or used	648,429	577,628	374,012
Receipts at mills	283,068	245,891	162,415	Stocks		346,089	216,295

†Included in "All other States" to avoid disclosure of figures for individual companies.
Figures from Bureau of the Census.

Estimated Crushing Capacity of Soybean Oil Mills and Estimated Capacity Utilized, By Areas and States, U. S., 1951-52 Season (1)

State	Number of Soybean Mills						Est. Crushing Capacity				Crushing Capacity	
	Total		Pure		Mixed		10 Month Basis 1951-52 Season (1)		Soybeans Crushed Season (1)		Utilized	
	No.	Percent	No.	Percent	No.	Percent	1,000 Bu.	Percent	1,000 Bu.	%	%	%
Central Soybean Producing States												
Illinois	30	16	27	22	3	5	115,925	41	84,999	40	73	
Iowa	29	15	27	22	2	3	45,191	16	32,796	16	73	
Ohio	14	8	14	12	0	0	27,122	9	22,501	11	83	
Indiana	10	5	10	8	0	0	22,984	8	19,754	9	86	
Minnesota	6	3	5	4	1	1	10,889	4	9,003	4	83	
Missouri	9	4	7	6	2	3	10,482	3	6,738	3	64	
Kansas	6	3	5	4	1	1	7,388	3	4,596	2	62	
Nebraska	3	2	3	2	0	0	1,810	1	1,556	1	86	
Area Total	107	56	98	80	9	13	241,791	85	181,943	86	75	
Other Soybean Producing States												
Kentucky	3	2	3	2	0	0	7,470	3	5,434	3	73	
Arkansas	10	5	1	1	9	14	6,137*	2	5,385	3	88	
N. Carolina	17	7	2	2	11	16	2,497*	1	2,043	1	82	
Oklahoma	6	3	1	1	5	7	1,270*		785		62	
Tennessee	6	3	3	2	3	5	5,653*	2	(2)			
Mississippi	13	7	2	2	11	16	4,824*	2	(2)			
Georgia	6	3	1	1	5	7	1,950*	1	(2)			
California	4	2	1	1	3	5	1,513*	1	(2)			
S. Carolina	7	3	0	0	7	10	1,052*		(2)			
Va., Florida &												
Texas	3	2	2	2	1	1	887*		(2)			
Alabama	3	2	1	1	2	3	886*		(2)			
N. Y., Pa., &												
Delaware	5	3	4	3	1	2	6,116	2	(2)			
Wisc., N. & S.												
Dakota	4	2	3	2	1	2	1,961	1	(2)			
Area Total	83	44	24	20	59	87	42,216	15	29,747	14	70	
Industry Total	190	100	122	100	68	100	284,007	100	211,690	100	75	

(1) October 1951 through July 1952. (2) Information not available.

* Cottonbelt states crushing capacity estimated on 6-month basis in order to allow for crushing of other oilseeds.

Table prepared by Robert M. Walsh, PMA

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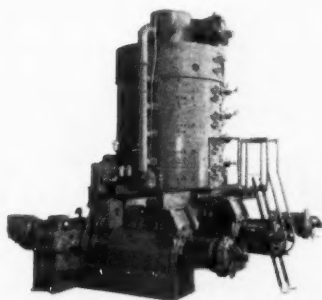
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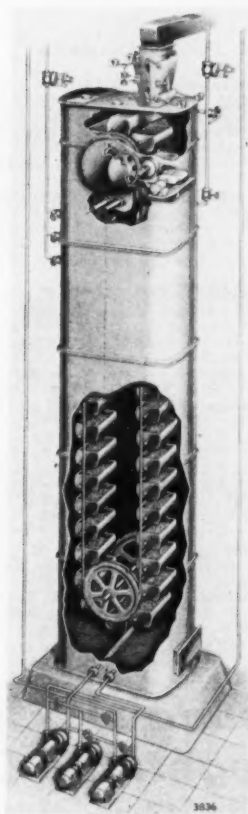
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PROCESSORS OF SOYBEANS

Officers of firms are listed as follows: (1) president; (2) vice president; (3) secretary; (4) treasurer; (5) head soybean buyer; (6) oil sales manager; (7) plant superintendent; (8) meal sales manager; (9) plant manager. Brand names are in quotation marks. Type of processing equipment, tons per day, processing capacity, total storage capacity, phone numbers, and railroads serving the individual plant are listed. Information was obtained through questionnaires sent directly to processing companies. Established policy of some firms makes unavailable more complete information than is carried in this directory.

ALABAMA

Birmingham—FARMERS & GINNERS COTTON OIL CO., Box 1408, Ave. F and 8th St. (1, 5, 8) J. V. Kidd; (2) E. P. Kidd; (2, 8) J. W. Kidd; (3, 4) C. L. Alsbrook; (7) S. A. Watkins. Storage cap. 400,000 bu. 41% soybean oil meal. Served by BB, L&N RR.

Birmingham—SOUTHERN COTTON OIL CO., 4601 Georgia Rd. Ph. 9-2105. Main office New Orleans. Affiliate of Wesson Oil & Snowdrift Co., Inc. (7) W. C. Hendrix; (9) S. F. Hosey. Served by SP, CG RR.

Cullman—SOUTHERN COTTON OIL CO., P. O. Drawer 382. Ph. 960. Main office New Orleans. Affiliate of Wesson Oil & Snowdrift Co., Inc. Dist. mgr., F. W. Hurston. 4 screw pr., cap. 70 t. "Sco-Co" 45% protein soybean oil meal. Served by L&N RR.

Dothan—DOTHAN OIL MILL CO., P. O. Drawer 458. Ph. LD 1, 28800, 30900, 39840. (1) J. H. Bryson; (2, 5) J. H. Bryson, Jr.; (3, 4) W. D. Malone; (6, 8) J. B. Roberts; (7) E. L. Dillard; (9) R. R. Windsor. 2 screw pr., Anderson Exsolex process, hexane solv., cap. 90 t. Storage cap. 4000 t. Served by ACL, CG, A&SA RR.

Foley—BALDWIN OIL MILLS, INC. Ph. 225. Affiliate of Sessions Co. (1) H. M. Sessions; (2) W. H. Reimer; (3, 5, 6, 9) E. E. Purvis, Jr.; (4) Paul Kaiser, Jr.; (7) Harold Adcock. Hexane solv., cap. 50 t. Storage cap. 198,000 bu. "Ealdwin Oil

Mills" soybean oil meal; "Gateway" mixed feeds. Served by L&N RR.

Hendland—HOME FERTILIZER & COTTON OIL CO.

Montgomery 1—BUCKEYE COTTON OIL CO. Dist. mgr., J. M. Sewell; (7) P. W. Anderson.

Selma—BUCKEYE COTTON OIL CO. Dist. mgr., J. A. Bates; (7) G. W. French.

Uniontown—BUCKEYE COTTON OIL CO. Dist. mgr., T. E. Goodale; (7) R. J. Patterson.

ARKANSAS

Blytheville—SWIFT & CO. Main office Chicago. (7) L. S. Janet; (8) W. L. Morris; (9) J. E. Dicks. "Swift's" soybean oil meal.

Fort Smith—FORT SMITH COTTON OIL CO., INC. S. 6th and I St. Ph. 2-0311, 2-0351. (1) and gen. mgr., W. H. Lillard; (2) I. W. Dunklin; (8) and mgr. feed and fertilizer div., M. E. Vaughan. 5 exp., 16 hydraulic pr. Served by MP, SLSF RR.

Helena—HELENA COTTON OIL CO. (1) O. W. Howe; (2) E. T. Horner; (3) T. R. Kelly; (5, 8) Joe C. Brady; (7) Joe C. Carden. 3 exp., cap. 50 t. Hexane solv., cap. 100 t. Storage cap. 1,122,000 bu. "Helco" soybean oil meal and pellets. Soybean operations 25%. Served by MP, IC RR.

Little Rock—BUCKEYE COTTON OIL CO. Dist. mgr., F. H. Jarrell; (7) E. F. Kelley.

Little Rock—ROSE CITY COTTON OIL MILLS, Box 950. (1) A. G. Kahn; (2) Mark Valentine; (3) W. M. Bruce, Jr.; (4, 9) W. F. Bates; (7) Floyd Fowler. 10 hydraulic pr., cap. 65 t. Storage cap. 150,000 bu. "Sure Shot" soybean oil meal. Served by MP, RI, SSW RR.

Little Rock—SOUTHERN COTTON OIL CO. Ph. 27-9277; LD 11, 144, 159. Main office New Orleans. Affiliate of Wesson Oil & Snowdrift Co., Inc. (7) R. R. Castilow; (9) C. M. Smith. 32 hydraulic pr., cap. 110 t. "Sco-Co" soybean oil meal. Served by MP RR.

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PROCESSORS—(Continued)

Newport—SOUTHERN COTTON OIL CO. Ph. 872; LD 9, 5. Main office New Orleans. Affiliate of Wesson Oil & Snowdrift Co., Inc. (7) N. L. Pugh, Jr.; (9) J. E. Doherty. Served by MP RR.

Osceola—OSCEOLA PRODUCTS CO. (1) D. S. Laney; (2) C. F. Tompkins; (3, 4, 5, 6, 8, 9) Ralph Woodruff; (7) T. W. Perkins; (7 solv.) O. M. Beckham. Allis-Chalmers hexane solv., cap. 125 t. Storage cap. 800,000 bu. "Osceola" soybean oil meal and pellets. Served by SLSF RR.

Pine Bluff—PLANTERS FERTILIZER & SOYBEAN CO., 1021 E. 5th Ave. Ph. 165, 166; LD 61. (5) and mgr., Geo. H. Dunklin; asst. mgr., Wm. H. Dunklin; (7) J. R. Huneycutt. 4 screw pr., cap. 80 t. Storage cap. 175,000 bu. "Razorback" soybean oil meal. Served by MP, SSW RR.

Prescott—NEVADA COUNTY OIL MILL. Subsidiary of W. E. Cox & Sons. (1, 5) Ernest H. Cox; (3) Mrs. E. H. Cox; (7) R. Thompson. 2 exp., cap. 45 t. Storage cap. 3,000 tons. "Nevco" soybean oil meal.

Wilson—BUCKEYE COTTON OIL CO. Dist. mgr., C. H. Buchanan; (7) H. W. Gilbert.

Wilson—WILSON SOYA CORP. Ph. 2921, 2481. (1) R. E. L. Wilson III; (2) R. E. L. Wilson, Jr.; (3, 4) Hudson Wren; (5, 6, 8, 9) R. A. Pratt; (7) Russie Perry. Hexane solv., cap. 100 t. Storage cap. 1,000,000 bu. "Wil-Soy" soybean oil meal and pellets. Served by SLSF RR.

CALIFORNIA

Buena Park—GLIDDEN CO. Main office Chicago. (5, 6, 8, 9) W. W. Stephens; (7) A. R. Horne. Storage cap. 500,000 bu. Screw pr. and ext. "Torch" soybean oil meal.

Long Beach—SPENCER KELLOGG & SONS, INC. Main office Buffalo.

Los Angeles 58—CALIFORNIA COTTON OIL CORP., 2301 E. 52nd St. Ph. Jefferson 6156. (1) R. F. Ingold; exec. vice pres., W. B. Coberly, Jr.; (2) Robert Ingold; (3, 4) D. F. Budd; (5, 6) Wiley Blair, 3rd; (7) H. F. Crossno. 12 screw pr., cap. 240 t. Storage cap. 500,000 bu. "Calico" soybean oil meal and pellets. Served by ATSF, UP RR.

Los Angeles 22—PACIFIC NUT OIL CO., 4615 Bandini Blvd. Ph. Angelus 1-0113. Office 2301 E. 52nd St. Subsidiary of California Cotton Oil Corp. (1) W. B. Coberly, Jr.; (2) D. L. Allison; (3) Robert Ingold; (4) C. W. Allison; (5, 6) Wiley Blair, 3rd; (7) Wm. D. Horne. 23 exp., cap. 280 t. Storage cap. 650,000 bu. Served by ATSF, UP RR.

Norwalk—LIBERTY VEGETABLE OIL CO., P. O. Box 125. Ph. Logan 5-3001 Los Angeles. Subsidiary of Iowa Milling Co., Cedar Rapids, Iowa. (1, 5, 6) I. D. Sinaiko; (2) Joe Sinaiko; (3) Samuel Maslon; (4, 8, 9) Wm. Sinaiko; (7) Gordon Lamberton. 4 screw pr., cap. 85 t. Storage cap. 175,000 bu. "Liberty" soybean oil meal. Served by SP RR.

Oakland—ALBERS MILLING CO., 2700 7th St. Ph. Templebar 2-4750. Office 5045 Wilshire Blvd., Los Angeles 36. Subsidiary of Carnation Co. (1) A. P. Herold; (2) E. W. Kelner; (2, 5) W. P. Kyle; (2, 8) T. V. Cox; (3) S. A. Halgren; (4) H. E. Olson; (6) E. L. Dial; (9) F. H. Alberts, Jr. 6 exp., cap. 110 t. Storage cap. 200,000 bu. "Albers" soybean oil meal. "Albers Quality Controlled" mixed feeds and pellets. Served by ATSF, SP, WP RR.

Oakland 7—EL DORADO OIL WORKS, Adeline St. Ph. Templebar 2-3882. Main office San Francisco. Also plant at Bayonne, N. J. (7, 9) James W. Fuller; (8) H. W. Witt. 25 screw pr., cap. 150 t.; hexane solv., cap. 80 t. Storage cap. 450,000 bu. "El Dorado" soybean oil meal. Soybean operations about 16%. Served by WP, SP RR.

Richmond 4—PACIFIC VEGETABLE OIL CORP., 1145 S. 10th St. Ph. Landscape 4-4727. Main office San Francisco. (5) B. T. Rocca, Sr.; (5) B. T. Rocca, Jr.; (6) R. W. Hammond; (8) D. M. Dybbro; (9) E. W. Ferguson; prod. mgr., M. G. Langford. 4 exp., cap. 50 t.; hexane solv., cap. 80 t. Storage cap. 126,000 bu. "PVO" soybean oil meal and pellets. Served by SP, ATSF RR.

San Francisco 4—EL DORADO OIL WORKS, 311 California St. Ph. Exbrook 2-2036. Plants Oakland, Calif.; and Bayonne, N. J. (1) James W. Moeller; (2) Manuel Igual; (2) C. W. Wikander; (3, 4) S. M. Haslett, Jr. "Eldorado" soybean oil meal.

San Francisco 7—PACIFIC VEGETABLE OIL CORP., 62 Townsend St. Ph. Douglas 2-0990. (1) B. T. Rocca, Sr.; (2) B. T. Rocca, Jr.; asst. vice pres. mfg., E. A. Hill; (3) Dudley F. Miller; (4) Ford M. Tusting; (5) James C. Taylor; (6) Richard W. Hammond; (7) Ernie W. Ferguson; (8) Dale Dybbro; (9) Mancill G. Langford. 5 screw pr., cap. 80 t. Storage cap. 368,000 bu. "PVO" soybean oil meal and pellets. Served by SP, ATSF, WP RR.

Wilmington—VEGETABLE OIL PRODUCTS CO., INC., 401 Canal Ave. Ph. Terminal 47224; Los Angeles Nevada 632-51. (1) C. A. Roberts; (2) in charge of traffic, W. D. Wilke; (2, 7, 9) C. C. Hopper; (2, 8) S. T. Pattison; (3) R. E. Roesling; (4) W. L. Myers; (5, 6) W. L. Dickinson. 4 exp., cap. 50 t. Storage cap. 60,000 bu. "Sun Ripe" soybean oil meal and pellets. Soybean operations 3,000 t. annually. Served by SP, UP, ATSF, HB RR.

DELAWARE

Millsboro—TOWNSEND'S INC. Ph. 3551. (1) Sen. John G. Townsend, Jr.; (2, 3, 4) Preston C. Townsend; (5, 6, 7, 8, 9) John Phillips. Trichloroethylene solv., cap. 50 t. Storage cap. 250,000 bu. "Townsend's Inc." soybean oil meal, mixed feeds and pellets.

FLORIDA

Pensacola—SOUTHERN COTTON OIL CO. Ph. 2114; LD 3. Main office New Orleans. Affiliate of Wesson Oil & Snowdrift Co., Inc. (9) J. T. Murphy. 4 screw pr., cap. 100 t. "Sco-Co" soybean oil meal. Served by L&N, SLSF RR.

GEORGIA

Atlanta—BUCKEYE COTTON OIL CO. (2) J. O. Wilson; eastern div. mgr., S. P. Cottraux. Dist. mgr. for oil mill, W. P. Lanier; (7) W. H. Davis.

Atlanta 1—POM CHEMICAL INDUSTRIES, INC., P. O. Box 1387. Plant Schoen St. (Lakewood Heights). Ph. Dixie 1363. (1, 4, 5, 6, 8) O. T. Kitchens, Jr.; (2) H. O. Bradley; (3) A. E. Mayer; (7, 9) Wayne P. Stallings, Jr. Hexane solv., cap. 50 t. Storage cap. 72,000 bu. 44% protein solv. ext. soybean oil meal. Served by SOU RR.

Augusta—BUCKEYE COTTON OIL CO. Dist. mgr., H. M. Henry; (7) J. G. Henry.

SOYBEAN BLUE BOOK

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PAINESVILLE, OHIO

PROCESSORS—(Continued)

Macon — BUCKEYE COTTON OIL CO. Dist. mgr., J. P. George; (7) T. J. Doughman.

Rome — ROME OIL MILL. Ph. 6556. Main office Southern Cotton Oil Co., New Orleans. Affiliate of Wesson Oil & Snowdrift Co., Inc. (7) T. F. Ford; (9) C. H. Lumpkin. "Rome" soybean oil meal. Served by SOU, CG RR.

Savannah — SOUTHERN COTTON OIL CO., Old Augusta Rd., P. O. Box 689. Ph. 2-7109. Main office New Orleans. Affiliate of Wesson Oil & Snowdrift Co., Inc. (7) J. R. Woolsey; (9) U. F. Stewart. 16 screw pr., cap. 60 t. "Sco-Co" soybean oil meal. Served by CG RR.

Thomasville — FARMERS PRODUCTS CO., INC., P. O. Box 108. Ph. 345; LD 58. (1) F. H. Searcy; (2) Mrs. Anna P. Searcy; (3, 4) M. A. Froberg; (5) F. P. Clements; (7) G. M. Smithson. 2 screw pr., cap. 40 t. Storage cap. 166,000 bu. "Farmpro" soybean oil meal. Served by ACL RR.

Valdalia — VIDALIA COTTON OIL CO., Ph. 474, 496. (5, 8) and owner, W. F. Jenkins; (7) W. F. Reynolds. 9 hydraulic pr., cap. 50 t. Storage cap. 1,500,000 bu. Soybean oil meal. Soybean operations when advantageous. Served by MDS, G&F RR.

ILLINOIS

Alhambra — ALHAMBRA GRAIN & FEED CO., Ph. 55. Branch at Marine, Ill. (1) Erwin H. Isenber; (2) T. E. Albrecht; (3) Clarence J. Ludwig; (4, 5, 6, 8, 9) Elmer H. Ruehrup; (7) Paul Bauer. 2 screw pr., cap. 40 t. Storage cap. 210,000 bu. at Alhambra and Marine. "AG&F" 41% soybean oil meal. Served by IC RR.

Bloomington — FUNK BROS SEED CO., 1300 W. Washington St. (1) Eugene D. Funk, Jr.; (2) Dr. James R. Holbert; (3) LaFayette Funk; (4) Theodore Funk; (5) A. M. Convis; (6, 8, 9) H. A. Abbott; (7) D. D. Walker. Hexane solv., cap. 200 t. "Funks" soybean oil meal and "Minrol Soy."

Bloomington — RALSTON PURINA CO., Ph. 3823. Main office St. Louis. (5) R. G. Bromley; (7) J. L. Clark; (9) Nat Morey. Hexane solv., cap. 300 t. Storage cap. 2,000,000 bu. "Purina Chows" mixed feeds. Served by GM&O, IC, ITC, NKP RR.

Cairo — CAIRO MEAL & CAKE MILLING CO., 46th and Sycamore Sts., Ph. 347. (1) A. T. Madra. Storage cap. 100,000 bu. "Miss Cairo" soybean oil meal. Served by IC, NYC RR.

Cairo — SWIFT & CO. Main office Chicago. (5, 9) W. B. Stone; (8) N. F. Kreuger; (7) E. H. Eubanks. "Swift's" soybean oil meal.

Champaign — SWIFT & CO. Main office Chicago. (5, 9) N. P. Noble; (8) R. J. Hendrick; (7) C. W. Faulkner. "Swift's" soybean oil meal.

Chicago 4 — ALLIED MILLS, INC., 3400 Board of Trade Bldg. Plants at Portsmouth, Va.; Omaha, Nebr.; Peoria and Taylorville, Ill. (1) H. J. Bulst; (2) L. T. Murphy; (3) E. D. Griffin; (2, 5, 6, 8) J. J. Quinlan; (3, 4) E. W. Lenz. "Wayne" soybean oil meal, mixed feeds and pellets.

Chicago — ARCHER - DANIELS - MIDLAND CO., 904 Wrigley Bldg. Ph. Superior 7-4911. Plant at 927 Blackhawk St. Main office Minneapolis. (9) Gordon Laugen. Hexane solv. "Archer" 44% and "Archer" 50-3% soybean oil meal; defatted, low-fat, full-fat soy flour. Served by MILW RR.

Chicago — BORDEN'S SOY PROCESSING CO., 105 W. Adams St. Div. of Borden Co. (5, 6, 8) J. R. Pentis.

Chicago — CARGILL, INC., 122nd and Torrence Rd. Ph. ES. 5-7255. Main office Minneapolis. (7) Milt Bondus. Hexane solv. "Cargill" soybean oil meal. Served by CNW RR.

Chicago — CENTRAL SOYA CO., INC., Offices 3718 Board of Trade Bldg., and 300 Fort Wayne Bank Bldg., Fort Wayne. "Central Star" soybean oil meal. "Centrol" lecithin, "Centrol" soybean oil products, "Master Mix" concentrates and complete feeds.

Chicago 39 — GLIDDEN CO., soya products div., 1825 N. Laramie St. Also plants at Buena Park, Calif.; Indianapolis. (1) Dwight P. Joyce; (2) R. G. Golseth; (3) R. D. Horner; (4) J. Peters; (5) Carl E. Benson; (6) Glenn M. Davidson; (7) Emil Buelens; (9) E. T. Wilhelm. Exp. and hexane ext. units. Storage cap. 2,000,000 bu. "Diamond G" and "4-Hi" soybean oil meal. Full-fat screw press and extracted soy flour.

Chicago — SPENCER KELLOGG & SONS, INC. Main office Buffalo.

Chicago — SWIFT & CO., Union Stock Yards. Plants at Blytheville, Ark.; Cairo, and Champaign, Ill.; Des Moines, Iowa; Frankfort, Ind.; Fostoria, Ohio. (1) John Holmes; (2) C. T. Prindle; (3) W. H. Soutter; (4) A. L. Bruckner; oil mill dept., Scott E. Cramer. "Swift's" soybean oil meal and pellets.

Chicago Heights — BISBEE LINSEED CO., INC., 2012 Butler St. Ph. Skyline 5-0445. (1) A. D. Swift; (2) W. L. Lafean, Jr.; (2, 4) E. B. Warner; (3) M. C. Gargan; (6, 8) T. Jacobson; (7) Fred Fett; (9) T. Boster. Served by C&EI, NYC, EJ&E, B&OCT, MILW RR.

Danville — LAUHOFF SOYA CO. (1) Howard Lauhoff. Plant under construction.

Decatur — ARCHER - DANIELS - MIDLAND CO., P. O. Box 1030. Ph. 5183. Main office Minneapolis. (9) R. S. White. Hexane solv. "Archer" 44% and "Archer" 50-3% soybean oil meal; "Archer" pellets; defatted, low-fat, full-fat soy flour. Served by IC, ITC RR.

Decatur — CHECKERBOARD SOYBEAN CO., Citizens Bank Bldg. Ph. 8-2161. Also plant at Pana. Affiliate of Ralston Purina Co., St. Louis. (5, 9) R. E. Baer; (7) Ira Abbott. Hexane solv., cap. 250 t. Storage cap. 1,000,000 bu. Served by IC, WAB, ITC, NYC RR.

Decatur — DECATUR SOY PRODUCTS CO., 518 E. Gault St. (1, 5, 6, 8, 9) Jasper Giovanna; (2) A. Becker; (3, 4) Carl Sorling; (7) Jess Beck; asst. mgr. and traffic mgr., I. A. Hirsch. 9 exp., cap. 180 t. Storage cap. 500,000 bu. "Illini" soybean oil meal. Served by IC, PRR.

Decatur — SPENCER KELLOGG & SONS, INC. Main office Buffalo.

Decatur — A. E. STALEY MFG. CO., 22nd and Eldorado Sts. Ph. 3-4411. Also plant at Painesville. (1) A. E. Staley, Jr.; (2) and mgr. soybean div., P. R. Ray; (2) in chg. of mfg., R. E. Greenfield; (4) R. S. Bass; (5) K. J. Maltas; (6) refined, M. J. Longbons; (6) crude, J. W. Moore; (8) E. C. Lane. Exp. and hexane solv. "Staley's" soybean oil meal, mixed feeds, pellets, and extracted soy flour and grits. Served by WAB, IC, B&O, ITC RR.

PROCESSORS—(Continued)

East St. Louis—COLCHESTER PROCESSING CO., 35th and Walnut. Ph. Upton 4-2290. (1) E. C. Andrews; (2, 8) E. L. McKee; (3, 4) E. F. Dunmeyer; (5, 6, 9) Wallace V. Weldner; (7) Clyde Karraker. 1 exp., cap. 22 t. Storage cap. 25,000 bu. "Colpro" soybean oil meal. Served by SOU RR.

Galesburg—GALESBURG SOY PRODUCTS CO., 1021 S. Henderson St. Ph. 4787. (1, 6) Max Albert; (2) Betty V. Uretz; asst. vice pres., Eleanor N. Simon; asst. vice pres., Lois H. Shaffer; (3, 4) Anna S. Albert; (5) E. E. Fletcher; (7, 9) V. J. Boettcher; (8) C. C. McKnight. Hexane solv., cap. 250 t. Storage cap. 400,000 bu. "Triple Value" soybean oil meal. Served by CB&Q, ATSF RR.

Gibson City—CENTRAL SOYA CO., INC. Main office Fort Wayne. (9) T. H. Allwein. 12 exp., cap. 350 t. Solv., cap. 600 t. Storage cap. 6,000,000 bu. "Central Star" soybean oil meal. "Centrol" lecithin, "Centrol" soybean oil products, "Master Mix" concentrates and complete feeds.

Ipava—IPAFA FARMERS PROCESSING CO. Affiliate of Ipava Farmers Elevator Co. Also at New Philly and Cuba. (1) P. J. Fleming; (2) L. S. Robinson; (3, 4) J. D. Larue; (5, 6, 8) Phil Snedeker; (7) Leland Foster; (9) and gen. mgr., C. O. Snedeker. 2 French pr., cap. 37 t. Storage cap. 250,000 bu. "Ipco" soybean oil meal. "Its-Top-Notch" mixed feeds and pellets. Served by CB&Q RR.

Kankakee—BORDEN'S SOY PROCESSING CO., Grinnell Road. Main office Waterloo, Iowa. Div. of Borden Co. (7) Harry Merriman; (9) G. W. Harris. Solv., cap. 225 t. Storage cap. 900,000 bu. "Borden's" soybean oil meal. Served by NYC RR.

Mascoutah—PH. H. POSTEL MILLING CO., 2 W. Main St. Ph. LD 250. Plant 502 S. Railway. (1) Charles W. Postel; (2, 4, 6, 8, 9) J. W. Huegely; (3) Urban S. Postel; (5, 7) Tom Evans. 2 screw pr., cap. 36 t. Storage cap. 200,000 bu. "Postel" soybean oil meal, mixed feeds and pellets. Served by L&N RR.

Monmouth—RALPH WELLS & CO., 530 S. 3rd St. Plant 600 S. 3rd. (1) Ralph Wells; (2, 5) Willis H. Wells; (3, 9) Adrian R. Wells; (4, 6, 8) Norman Wells; (7) Garth Alexander. 2 exp., cap. 25-27 t. Storage cap., Monmouth, 210,000 bu.; Cameron, 15,000 bu.; Gerlaw, 10,000 bu. "Wells Pure Old Process" soybean oil meal. Served by CB&Q, M&StL RR.

Nashville—HUEGELY ELEVATOR CO. (1, 5, 6, 8, 9) J. W. Huegely; (2, 3, 4) Ralph Lesemann; (7) Joe Pavolish. 1 exp. Storage cap. 175,000 bu. "H" brand soybean oil meal. Served by L&N, M&I RR.

Pana—CHECKERBOARD SOYBEAN CO. Main office Decatur. Affiliate of Ralston Purina Co., St. Louis. 6 screw pr., cap. 150 t. Storage cap. 200,000 bu. Served by IC, C&EI RR.

Peoria—ALLIED MILLS, INC. Main office Chicago. (7) J. B. DeHaven, Jr.; (9) W. A. Stohrer. Exp. "Wayne" soybean oil meal, mixed feeds and pellets.

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PROCESSORS—(Continued)

Quincy—QUINCY SOYBEAN PRODUCTS CO., 1900 S. Front St. Ph. 6-1662. (1, 6) Irving J. Rosen; (2, 8, 9) Norman L. Rosen; (3) Arnold H. Rosen; (4) Marcella Rosen; (5) W. V. Simmons; (7) Carl Strothoff. French hexane solv., cap. 300 t. Storage cap. 1,100,000 bu. "Purity" soybean oil meal. Served by CB&Q, WAB RR.

Ronoke—EUREKA MILLING CO. (1, 5, 6) J. D. Schumacher; (3, 4) Mattie Leman; (7) E. L. Herbst; (8, 9) J. H. Schumacher. 1 exp., cap. 15 t. Storage cap. 100,000 bu. "Emco" soybean oil meal and mixed feeds. Served by ATSF RR.

Rock Falls—STERLING SOYBEAN CO., INC., 800 E. 10th St. Ph. Main 90. (1, 5) E. J. McGinn; (2, 9) H. V. McGinn; (3, 4, 6, 8) O. L. McGinn. 3 exp., cap. 60 t. Storage cap. 300,000 bu. "Old Process" soybean oil meal; "Cream-A" mixed feeds and pellets. Served by CB&Q, CNW RR.

Springfield—ILLINOIS SOY PRODUCTS CO., P. O. Box 53. Ph. 2-3391. Plant E. Sangamon Ave. Subsidiary of Iowa Milling Co., Cedar Rapids, Iowa. (1, 4) Joe Sinalko; (2) I. D. Sinalko; (3) Samuel H. Maslon; (5, 6, 8, 9) Eric Nadel; (7) D. D. Crites. 8 screw pr., cap. 150 t. Storage cap. 200,000 bu. "Capitol" soybean oil meal. Served by WAB RR.

Taylorville—ALLIED MILLS, INC. Main office Chicago. (7) L. L. Meriwether; (9) I. C. Bradley. Hexane solv., "Wayne" soybean oil meal, mixed feeds and pellets. Served by WAB, B&O RR.

Vermont—BADER SOY PRODUCTS CO. Ph. 48. Subsidiary of Bader & Co. (1, 5, 6, 8) B. B. Bader; (2) W. F. Bader; (3, 4) H. F. Chick; (7, 9) Frank Long. 1 screw pr., cap. 25 t.; hexane solv., cap. 40 t. Storage cap. 400,000 bu. at Vermont, Astoria, Rushville, Adair, Macomb, Swan Creek, Walnut Grove and Prairie City. "Bader's" 41% or 44% soybean oil meal; "Bader's Atomic" mixed feeds; "Bader's" pellets. Served by CB&Q RR.

Virdeu—HULCHER SOYA PRODUCTS, INC. (1) Norman E. Hulcher; (3, 4) Harold L. Foster; (7) Herman Helmerich; (9) John Curran. 2 exp., cap. 35 t. Storage cap. 225,000 bu. "Hulcher Old Process" soybean oil meal. Served by GM&O RR.

INDIANA

Angola—ANGOLA SOYA CO., 424 N. Williams St., P. O. Box 358. Ph. 523. Partnership, Reginald Hale and Alfred Hale. Hexane solv., cap. 5 t. Storage cap. 1400 bu. Soybean oil meal. Extractions of various specialty items. Served by NYC RR.

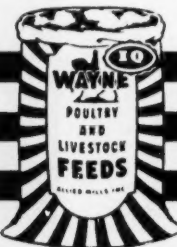
Decatur—CENTRAL SOYA CO., INC. Main office Fort Wayne. (9) C. I. Finlayson. Solv., cap. 1400 t. Storage cap. 7,000,000 bu. "Central Star" soybean oil meal, "Central" lecithin, "Centrol" soybean oil products, "Master Mix" concentrates and complete feeds.

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If soybeans were purchased for oil alone, the price to growers would likely be far less than it is today. But by building a mass outlet for soybean meal as an important ingredient in WAYNE FEEDS, Allied Mills, Inc. helps the grower realize greater profits on his crop. In addition, special WAYNE soybean balancers increase efficiency of soybean feeding on the farm. For these reasons, every bag of WAYNE FEED used furthers the cause of the soybean industry.

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SHELDON, IOWA

WEST BEND ELEVATOR COMPANY

WEST BEND, IOWA

FARMERS' COOPERATIVE CO.

DIKE, IOWA

PROCESSORS—(Continued)

Fort Wayne—CENTRAL SOYA CO., INC. 300 Fort Wayne Bank Bldg. Plants at Decatur; Gibson City, Ill.; Marion, Ohio. Chm. of board, Dale W. McMillen, Sr.; (1) Fred W. Thomas; (2) Harold McMillen; (2) Geo. D. MacLean; (2) Chas. W. Crowe; (2) Norman F. Kruse; (2) and dir. of sales, feed div., J. L. Krider; (2, 5, 6) W. E. Hulse; (3, 4) Edward T. Schele; asst. secy. and comptroller, Richard N. Allen; (8) B. A. Townsend. "Central Star" soybean oil meal, "Centrol" lecithin, "Centrol" soybean oil products, "Master Mix" concentrates and complete feeds.

Frankfort—SWIFT & CO. Main office Chicago. (5, 9) H. B. Parker; (7) A. J. Sibley; (8) J. K. Omvig. "Swift's" soybean oil meal.

Indianapolis — GLIDDEN CO. 1160 W. 18th St. Main office Chicago. (5) M. M. Darling; (7) Clayton Vogt. Hexane solv., cap. 250 t. Storage cap. 1,500,000 bu. "Glidden Quality Products" soybean oil meal, mixed feeds and pellets.

Lafayette—RALSTON PURINA CO. Ph. 2-8421. Main office St. Louis. (7) N. R. Adkins; (9) Ralph M. Guenther. Hexane solv., cap. 325 t. Storage cap. 500,000 bu. "Purina Chows" mixed feeds. Served by WAB, NKP RR.

Marion — HOOSIER SOYBEAN MILLS, INC. 33rd and Nebraska St. (1) H. G. Hipps; (5, 6, 8) Wm. E. Ohlemeyer; (7) M. B. McVicker. 5 exp. Storage cap. 230,000 bu. "Hoosier" soybean oil meal. Served by NYC, NKP, C&O, PRR.

Peru — MID-STATES FATS & OILS CORP. P. O. Box 365. Plant at Bunker Hill. (1) Paul J. Sicanoff; (2) and gen. mgr., Wm. B. Boyer; (3, 4) Geo. Shaw. Served by PRR.

Portland — HAYNES SOY PRODUCTS INC. Ph. 43; plant 364-J. (1, 6, 9) Clarence E. Peters; (2, 4) W. H. Starbuck; (3) John C. McCrum; (5, 8) Walter V. Hilfiker; (7) Earl A. Thomas. 4 exp., cap. 100 t. Storage cap. 285,000 bu. "Haynes" 41% soybean oil meal. Served by NKP, PRR.

Rushville — RUSH COUNTY FARM BUREAU CO-OP ASSN., INC. Ph. 3366. (1) J. R. Brown; (3) Red Ging; (5) L. Alsop; (6) Wayne Miller; (7) H. Earnest. 1 screw pr., cap. 15 t. Storage cap. 50,000 bu. "Farm Bureau Co-op" soybean oil meal, mixed feeds and pellets. Served by NKP, B&O, NYC, PRR.

Wabash—WABASH COUNTY FARM BUREAU CO-OP ASSN., INC. 414 S. Miami St. Plant 179 E. Sinclair St. Ph. 1435. Affiliate of Indiana Farm Bureau Co-op Assn. (1) P. J. Milam; (5, 6, 7, 8, 9) Dwain Amones; county mgr., Joe Wise. 1 screw pr., cap. 18 t. Storage cap. 150,000 bu. at soybean plant, Spelcher and Treaty elevators. "Farm Bureau Co-op" soybean oil meal. Served by WAB, NYC RR.

IOWA

Belmond — GENERAL MILLS, INC. chem. div. Ph. 231. Main office Minneapolis. Grain buyer and office mgr., H. C. Stokke; (7) W. B. Hotvet. Hexane solv., cap. 250 t. Storage cap. 1,500,000 bu. "General Mills 44%" protein solv. (hexane) extracted soybean oil meal.

SOYBEAN BLUE BOOK

Cedar Rapids—CARGILL, INC. 850 10th St. SW. Ph. 6148. Main office Minneapolis. (7) Ewald Gustafson; (9) C. W. Bohlander. Hexane solv. "Cargill" soybean oil meal. Served by CR, IC RR.

Cedar Rapids—IOWA MILLING CO. 411 6th St. NE. Ph. 4-1503. (1, 4) Joe Sinaiko; (2) L. D. Sinaiko; (3) Samuel Maslon; (5, 6, 8) H. R. Scroggs; (7) Gilbert Kinzey; (9) Louis Langhurst. Hexane solv., cap. 300 t. Storage cap. 600,000 bu. at plant. "Hygrade" soybean oil meal. Served by MILW RR.

Cedar Rapids—QUAKER OATS CO. Main office Chicago. "Ful-O-Pep" mixed feeds. Served by CNW RR.

Centerville—PILLSBURY MILLS, INC. Main office Minneapolis. Headquarters feed and soy div. Clinton. (5) Paul Thomas; (6, 8) R. C. Ilstrup (Clinton); (7) Floyd Crowe; (9) Wm. McKeon. 6 screw pr., cap. 100 t. Storage cap. 1,600,000 bu. at Centerville and Clinton. "Pillsbury" soybean oil meal; "Pillsburys Best" mixed feeds and pellets. Served by CB&Q, RI RR.

Clinton—PILLSBURY MILLS, INC. 200 Wilson Bldg. Ph. 1080. Headquarters feed and soy div. (See also Centerville.) Main office Minneapolis. (5) W. Sikkema; (6, 8) R. C. Ilstrup; (7) H. E. Smith; (9) A. L. Peterson. Hexane solv., cap. 250 t. Storage cap. 1,600,000 bu. at Clinton and Centerville. "Pillsbury" soybean oil meal; "Pillsburys Best" mixed feeds and pellets. Served by CB&Q, MILW, CNW, RI RR.

Des Moines — SPENCER KELLOGG & SONS, INC. Main office Buffalo.

Des Moines—SWIFT & CO. Box 38, Highland Park Station. Main office Chicago. (5, 9) C. D. Whitaker; (7) G. G. Scott; (8) C. J. Ander. "Swift's" soybean oil meal.

Dike—FARMERS COOPERATIVE CO. Ph. 2111. (1) Horace D. Brown; (2) Russell Mewees; (3) Edward Sherwood; (5, 6, 8) C. M. Gregory; (7) Gerald Bruns; office mgr., Richard Goetzinger. 2 screw pr., cap. 30 t. Storage cap. 510,000 bu. "Felco" soybean oil meal and mixed feeds. Served by CNW RR.

Eubank — DUBUQUE SOY PRODUCTS CO. 18th and Sycamore Sts. (5, 6, 8) Jack Edson; (7) F. J. Beckwith; (9) Cecil G. Johnson. 2 exp., cap. 40 t. Storage cap. 100,000 bu. Served by MILW RR.

Eagle Grove—BOONE VALLEY CO-OP PROCESSING ASSN. Ph. 200, 201. (1) Ralph Olsen; (2) Harry Bernard; (3, 4) Floyd Crim; (5) James A. Farrell; (6, 8, 9) Edward Olson; (7) Chas. G. Loux; asst. mgr., Donald Laurent. 4 screw pr., cap. 75 t; hexane solv., cap. 200 t. Storage cap. 130,000 bu. "Co-op" soybean oil meal, mixed feeds and pellets. Served by CNW, CGW RR.

Fayette—FAYETTE SOYBEAN MILL. Ph. 118. Owned by Chas. Halverson, West Union, Iowa; and C. J. Halverson, DeKalb, Ill. (6) C. J. Halverson; (9) Milton I. Eide. 2 screw pr., cap. 37 t. Storage cap. 170,000 bu. "Fayette" old process soybean oil meal. Served by MILW RR.

Fort Dodge — BORDEN'S SOY PROCESSING CO. Main office Waterloo, Iowa. Storage cap. 300,000 bu.

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PROCESSORS—(Continued)

Fort Dodge—CARGILL, INC., 5 Central Ave. Ph. Walnut 3781. Main office Minneapolis. (9) W. J. Wheeler. Exp. and hexane solv. "Cargill" soybean oil meal and pellets. Served by IC RR.

Gladbrook—CENTRAL IOWA BEAN MILL, Ph. 63. (1, 3, 5, 6, 7, 8, 9) Paul H. Klinefelter; (2, 4) Florence M. Klinefelter. 3 screw pr., cap. 50 t. Storage cap. 450,000 bu. "Soya, Chief of the Feeds" soybean oil meal. Served by CNW, CGW RR.

Iowa Falls—RALSTON PURINA CO. Ph. 2591. Main office St. Louis. (5) Barney McCoy; (7) Geo. W. Oswald; (9) H. N. Johnson. 7 screw pr., cap. 170 t.; hexane solv., cap. 300 t. Storage cap. 1,360,000 bu. "Purina Chows" mixed feeds. Served by RI, IC, CNW RR.

Manly—NORTH IOWA CO-OP PROCESSING ASSN. Ph. 2311. Office Mason City. (5, 6, 8, 9) Glenn Pogeler; (7) Harold Tietjens. 2 screw pr., cap. 40 t. Storage cap. 140,000 bu. "Felco" soybean oil meal. Served by RI, M&StL, CGW RR.

Marshalltown—MARSHALL MILLS, INC., 201 Washington St. Ph. 9005. (1, 9) Fred Johnson; (2, 7) J. B. Saccaro; (3, 5, 6, 8) J. I. Johnson; (4) Vernon N. Johnson. 3 screw pr., cap. 70 t. Storage cap. 50,000 bu. 41% soybean oil meal. Served by M&StL, CNW, CGW RR.

Mason City—NORTH IOWA COOPERATIVE PROCESSING ASSN., 1605 19th St. SW. (1) Earl M. Dean; (2) C. D. Daniels; (3, 4) Earl L. Dickinson; (5, 8) H. D. Rissler, Jr.; (6, 9) Glenn Pogeler; (7) Harold Tietjens. Hexane solv., cap. 150 t. Storage cap. 350,000 bu. "Felco" soybean oil meal. Served by CGW, M&StL, RI, MILW, CNW, MC&CL RR.

Muscatine—HAWKEYE SOY PRODUCTS CO., 500 E. 2nd St. Ph. 740. Plant Front & Oak Sts. Affiliate of McKee Feed & Grain Co. Sole owner, L. R. McKee; mgr. H. G. McKee. 2 screw pr., cap. 30 t. Storage cap. 250,000 bu. "Hawkeye" soybean oil meal and pellets. Served by RI, MILW RR.

Muscatine—MUSCATINE PROCESSING CORP., 205 Green St. Ph. 2900, 1807. (1) S. G. Stein; (2) G. A. Kent; (2) F. J. Prochaska; (3) R. C. Kautz; (4) V. B. Snyder; (5, 6, 8) M. C. Larson; (7, 9) R. D. Stroup. Hexane solv., cap. 100 t. Storage cap. 500,000 bu. "Port City" soybean oil meal. Served by MILW, RI RR.

New Hampton—EASTERN IOWA MILLING CO. Owned and operated by G. A. Ward. 1 exp., cap. 20 t. Storage cap. 110,000 bu.

Quimby—SIMONSEN MILL RENDERING PLANT, Ph. 16. (5, 6, 8) D. W. Simonsen; (7) Alton Simonsen; (9) M. W. Simonsen. 4 screw pr., cap. 50 t. Storage cap. 130,000 bu. "Simonsen" soybean oil meal, mixed feeds and pellets. Served by IC RR.

Ralston—FARMERS COOPERATIVE ASSN. Ph. 37. (1) Otis Knight; (2) Myron B. Gregory; (3, 4) Carl R. Cook; (5) William Y. McDonald; (6, 8, 9) Karl Noll; (7) Frank Smith. 3 screw pr., cap. 50 t. Storage cap. 800,000 bu. "Farmers" soybean oil meal; "Farmers Feeds" mixed feeds and pellets. Served by CNW RR.

Redfield—IOWA SOYA CO. Ph. 400. (1) H. R. Straight; (2, 9) Donald C. Ogg; (3, 6, 8) J. D. Frantz; (4) J. J. Vanier; (5) Byrle Spillers; (7) Donald Cameron. Hexane solv., cap. 300 t. Storage cap. 1,100,000 bu. "Redfield" soybean oil meal. Served by MILW RR.

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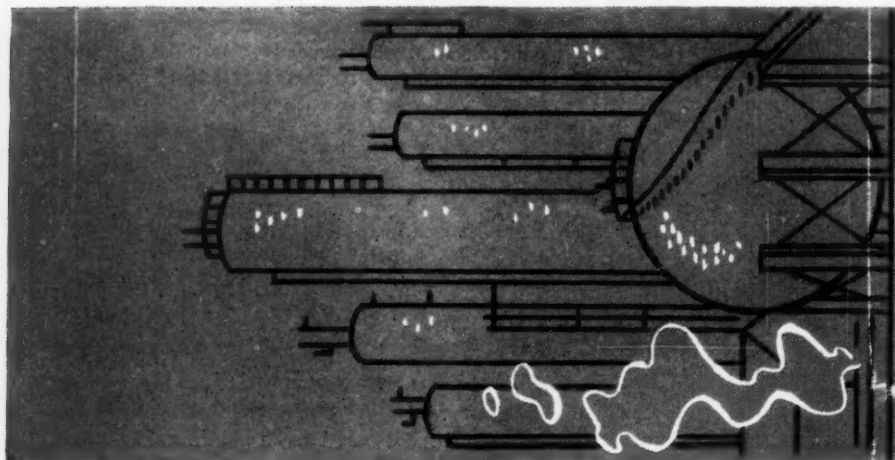
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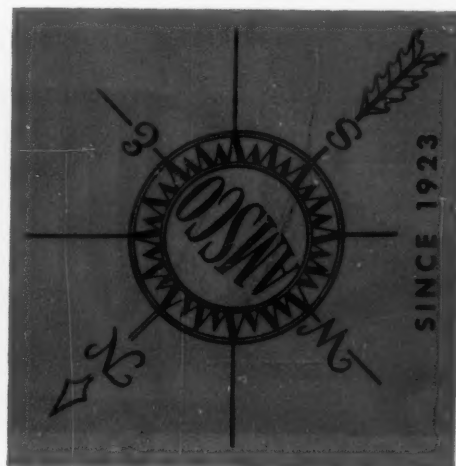
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PROCESSORS—(Continued)

Sac City—WILLIAMS MILLING CO. Gen. mgr., Leo W. Williams; (5) R. C. Hink; (7) Glenn Sams; (8) J. C. Laughlin. 4 exp., cap. 80 t. Storage cap., Sac City 260,000 bu., Nemaha 100,000 bu., Lake View 100,000 bu., Lytton 40,000 bu. "Williams" soybean oil meal, feeds and pellets. Served by MILW RR.

Sheldon—BIG 4 COOPERATIVE PROCESSING ASSN., 111 9th St. (1) Ed Dobbertin; (2) Doores Waanders; (3, 4) L. M. Penning; (5, 6, 9) Charles W. Hanson; (7) Reuel Jacobs; (8) Lee Alward. 4 exp., cap. 90 t. Storage cap. 55,000 bu. "Felco" soybean oil meal. Served by IC, MILW, CMO RR.

Sioux City—SIOUX SOYA MILLS, 11th and Clark Sts. Ph. 8-0174. Affiliate of Sioux Industries, Inc. (1) Mike Sherman; (2) E. N. Grueskin; (3, 6, 9) A. Irving Sherman; (4) Philip Sherman; (5, 8) Roy C. Folkins; (7) A. G. Kliwer; (7) R. P. Cole; traffic mgr., G. Dikeman; office mgr., V. W. Miller. 4 exp., cap. 85 t.; hexane solv., cap. 120 t. Storage cap. 500,000 bu. "Su Soy" soybean oil meal and pellets; "Sioux" mixed feed. Served by IC, MILW, CNW RR.

Washington—CARGILL, INC., N. 15th St. and E. 3rd Ave. Ph. 820. Main office Minneapolis. (7) Raymond Roth; (9) Hugo Lensch. Hexane solv. "Cargill" soybean oil meal and pellets. Served by RI RR.

Waterloo—BORDEN'S SOY PROCESSING CO. Div. of Borden Co. Also plants

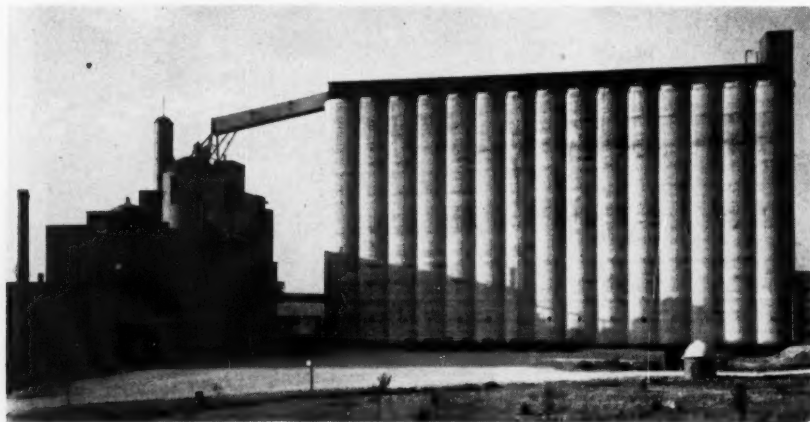
Fort Dodge, Iowa; Kankakee, Ill. (1) C. F. Kieser; (2, 6, 9) Edward M. O'Connor; (3, 4) P. J. Queroli; (5, 8) A. C. Smith; (7) F. P. Parkin. 5 French screw pr., cap. 90 t. Solv., cap. 240 t. Storage cap. 1,000,000 bu. "Borden's Cedar Valley" old process soybean oil meal. Served by WCF&N, RI RR.

West Bend—WEST BEND ELEVATOR CO. Ph. 126. (1) R. B. Berninghaus; (2) John Bleuer; (3, 4) A. B. Carter; (5, 6, 8, 9) R. W. Jurgens; (7) H. W. Baas. 1 screw pr., cap. 20 t. Storage cap. 575,000 bu. "Felco" soybean oil meal and mixed feeds. Served by IC RR.

KANSAS

Coffeyville—CONSUMERS COOPERATIVE ASSN. SOYBEAN MILL. Office 318 E. 10th St., Kansas City, Mo. (1) H. A. Cowden; (7, 9) Clayton Hejtmank. 2 exp., cap. 55 t. Storage cap. 330,000 bu. "Co-op" soybean oil meal and pellets.

Emporia—KANSAS SOYA PRODUCTS CO., INC. Ph. 3000. Main office. Also plant at Kansas City. (1) J. J. Vanier; (2, 3) E. E. Steerman; (2, 4) Donald W. Johnson; (2, 5, 6) and gen. mgr., Elmer L. Buster; (7) T. R. Barnhart; (8) Robert H. Wise. 3 screw pr., cap. 40 t.; hexane solv., cap. 120 t. Storage cap. 300,000 bu. at Emporia, Olathe, and Hartford. "Sunflower" soybean oil meal and pellets; "Sunflower" and "Lasso" mixed feeds. Served by MKT, ATSF RR.



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pounds, which help to keep your operations and products free from odor, taste and flash trouble.

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Meal or Pea Size

HAWKEYE

Soy Products Co.

MUSCATINE

IOWA

PROCESSORS—(Continued)

Fredonia — ARCHER - DANIELS - MIDLAND CO. Ph. 171. Main office Minneapolis. (9) D. O. Fink. Exp. plant. "Archer" 44% soybean oil meal. Served by MP, ATSF, SLSE RR.

Girard — PRODUCERS COOPERATIVE ASSN. Ph. 192. (1) Elmer Harr; (2) Marvin Green; (3, 4) and gen. mgr., S. O. Frey. 2 screw pr., cap. 40 t. Storage cap. 200,000 bu. "Producers" 41% soybean oil meal; "Producers," "Farmer's Special," and "Co-Op Open Formula" mixed feeds and pellets. Served by SLSE, ATSF RR.

Kansas City — KANSAS SOYA PRODUCTS CO., INC. Ph. AT 1131. Main office and plant at Emporia. (7) Claude Yeaman. 5 screw pr., cap. 100 t. Storage cap. 225,000 bu. "Sunflower" soybean oil meal and pellets. Served by RI RR.

Wichita—SOY-RICH PRODUCTS, INC. 1501 N. Mosley. Ph. 5-9635. (1) Geo. S. Armstrong; (2) War O. Brooks; (3) Elmer C. Moore; (4, 5) and exec. vice pres., Ralph S. Moore; (6, 8) B. E. Henline; (7) Jess Turner; (9) J. W. Thelma. 2 screw pr., cap. 40 t.; Blaw-Knox hexane solv., cap. 150 t. Storage cap. 75,000 bu. "Four-Leaf Clover" soybean oil meal and pellets. Served by ATSF, MP, RI, MV RR.

KENTUCKY

Henderson—OHIO VALLEY SOYBEAN CO-OP. 5th St. Ph. 3921. (1) Charles B. Smith; (2) Oscar D. Keck; (3, 4, 6, 8) G. W. Allen; (7) A. I. Reisz. Hexane solv., cap. 85 t. Storage cap. 740,000 bu. "Cardinal Quality" soybean oil meal. Served by L&N, IC RR.

Louisville—BUCKEYE COTTON OIL CO. Dist. mgr., E. L. Newman. (7) Jack Gardner.

Louisville 10—LOUISVILLE SOY PRODUCTS CORP. 2400 S. Brook St. (1, 5) Harold A. Miller; (3) Arthur J. Deindorfer; (6, 8) Howard A. Brennan; (7) Walter J. Stone. Hexane solv., cap. 150 t. Storage cap. 300,000 bu. "Lou Soy" soybean oil meal. Served by L&N, SOU RR.

Owensboro — OWENSBORO GRAIN CO. (1) Wm. M. O'Bryan; (2) Henry E. O'Bryan; (3) Hugh P. Aud. 4 exp., cap. 75 t. 1 exp., cap. 100 t. Storage cap. 350,000 bu. "Greendale" 41% solv. soybean oil meal and "Ograco" 44% solv. soybean oil meal.

LOUISIANA

Alexandria—RED RIVER COTTON OIL CO., INC. 514 N. 16th St. (1) J. E. Byram; (2, 5, 6, 8) J. E. Byram, Jr.; (3, 4) L. C. Waddell; (7) H. L. Zoder. 10 hydraulic pr., 3 exp., cap. 100 t. Storage cap. 500,000 bu. Served by MP, T&P, L&A, KCS RR.

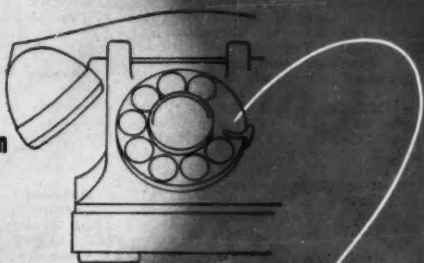
New Orleans—SOUTHERN COTTON OIL CO. 210 Baronne St. Main office. Affiliate of Wesson Oil & Snowdrift Co., Inc. (1) A. Q. Petersen; (2) W. F. Guinee; (2) L. C. Haskell; (2) M. W. Lyons; (2) E. A. Geoghegan; (3) W. F. Hoerner; (4) C. M. Carriere.

Shreveport—SOUTHLAND COTTON OIL CO. Main office Paris, Tex.

West Monroe — UNION OIL MILL, INC. (1) C. W. Wallace; (2) F. W. Scott; (3, 4) A. B. Colmer; (7) R. W. May. 4 exp. Solv., cap. 150 t. Storage cap. 300,000 bu. "Union" soybean oil meal. Annual crush 300,000 bu. Served by IC RR.

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PROCESSORS—(Continued)

MINNESOTA

Blooming Prairie — FARMERS CO-OP ELEVATOR ASSN., soybean processing div. (1) Ormanzo Peterson; (2) Harold Symes; (3, 4) T. B. Peterson; (5, 6, 8, 9) Wilbur P. Bidne; (7) Don Sandberg. Trichloroethylene solv., cap. 25 t. Storage cap. 120,000 bu. "Prairie" 44% soybean oil meal and flakes; "Farmers Best" feeds.

Dawson — TRI-COUNTY COOPERATIVE SOYBEAN ASSN. (1) Carl M. Hanson; (2) Melvin Knutson; (3) Morris Envoldson; (4) Glenn Blomquist. Trichloroethylene solv., cap. 25 t. Storage cap. 80,000 bu. "Tri-County" soybean oil meal.

Glencoe — FARMERS & MERCHANTS MILLING CO. Ph. 665, 666. (1) Lars Lefson; (2) Albert Aisleben; (3) Hubert G. Smith; (4) Frank J. Heaney; (6, 9) Clifford J. Olson; (7) Warren Pileseis; (8) R. M. Edstrom. Trichloroethylene solv., cap. 25 t. Storage cap. 20,000 bu. "Glencoe Quality" soybean oil meal, mixed feeds and pellets. Served by MILW RR.

Lakeville — CONSUMERS SOYBEAN MILLS, INC. Office 1122 Flour Exchange Bldg., Minneapolis 15. (1, 5) Riley W. Lewis; (2) Harry J. Lewis; (3, 4) Donald E. Lewis; (7) Robert Diers. 4 exp., cap. 80 t. Storage cap. 120,000 bu. "Consumer's" soybean oil meal. Served by MILW RR.

Mankato — ARCHER - DANIELS - MIDLAND CO., 3rd and Harper. Ph. 7947. Main office Minneapolis. (7) E. W. Schmidt, Jr. Hexane solv. "Archer" 44% and "Archer" 50-3% soybean oil meal; "Archer" and "Boostryn" mixed feeds; "Archer" pellets. Served by CMO RR.

Mankato — HONEYMEAD PRODUCTS CO. Ph. 7911. Chm. of board, D. O. Andreas; (1, 6, 8) C. F. Marshall; (2, 3, 4, 5) L. W. Andreas; (2, 9) J. I. Mason; (7) J. Kawczynski. 5 screw pr., cap. 100 t.; hexane solv., cap. 500 t. Storage cap. 1,550,000 bu. at Mankato and Minneapolis. "Honeynead" soybean oil meal, mixed feeds and pellets. Served by CMO, CNW, MILW, CGW RR.

Minneapolis — ARCHER - DANIELS - MIDLAND CO., 600 Roanoke Bldg. Ph. Atlantic 2112. Plants at Decatur and Chicago, Ill.; Mankato, Minn.; Fredonia, Kans. (1) T. L. Daniels; (2, 5) F. E. Benson; (2, 6) A. C. Hoehne; (3) P. S. Duff; (4) S. S. Adair; (8) John P. Broshard.

Minneapolis 15 — CARGILL, INC., 200 Grain Exch. Plants at Chicago; Cedar Rapids, Fort Dodge and Washington, Iowa; Savage, Minn.; Philadelphia, Pa. (1) J. H. MacMillan, Jr.; (2) F. M. Seed; (3) A. G. Egermayer; (4) C. W. Mooers.

Minneapolis — GENERAL MILLS, INC., chemical div., 700 General Mills Bldg. Ph. Atlantic 1144. Plants at Belmond, Iowa, and Rossford, Ohio. (1) W. H. Eastman; (2) C. M. Dewey; (2) E. E. Woolley; (2) and dir. of sales, S. D. Andrews, Jr.; (2, 6) W. E. Flumerfelt; (3) E. K. Smith; (5, 8) F. H. Hafner. "General Mills" 44% protein solv. (hexane) extracted soybean oil meal.

Minneapolis — MINNESOTA LINSEED OIL CO., 25 44th Ave. N.E. (1) E. H. Russell; (2) V. Wurtele; (3, 4) L. T. Gartner; (5) Ray Lindquist; (6) Carl H. Schinke; (7, 9) George N. Walker; (8) John M. Strate. 18 exp., cap. 330 t. solv., cap. 250 t. Storage cap. 1,038,000 bu. "Minnesota" soybean oil meal and pellets. Served by NP RR.

Minneapolis 2 — PILLSBURY MILLS INC., feed and soy div., 600 Pillsbury Bldg. Plants at Clinton and Centerville, Iowa. (1) Paul Gerot; (2) C. H. Hendrix; (3) P. F. Sherman; (4) C. C. Coleman. Soy food products, crude and refined soybean oil, soybean oil meal, lecithin and mixed feeds.

Preston — PRESTON SOYA MILLS, INC. Registered office, Mapleton, Minn. Ph. 157-1. (1) Everett A. Frank; (2) Wallace E. Frank; (3, 4, 5, 6, 8) Edward G. Frank; (7, 9) Ed Steinkopf. 3 exp., cap. 60 t. Storage cap. 140,000 bu. "Presto" soybean oil meal. Served by MILW RR.

Savage — CARGILL, INC. Ph. South 1-8641. Main office Minneapolis. (7) John Sheperd; (9) H. E. Marxhausen. Exp. and hexane solv. "Cargill" soybean oil meal. Served by MN&S RR.

MISSISSIPPI

Belzoni — BELZONI OIL WORKS, INC. (1) Irby Turner; (2) L. S. Stoner; (3, 4) John Holbrook; (5, 6, 8) and gen mgr., H. H. Gantz; (7) Jack Berry. Storage cap. 200,000 bu. "Belco" soybean oil meal.

Belzoni — HUMPHREYS COUNTY OIL MILL. Affiliate of Mississippi Cottonseed Products Co., Jackson. (7) H. C. Switzer; mgr., S. A. Pittman. 9 screw pr., cap. 50 t. Storage cap. 150,000 bu. Soybean operations 4,000-8,000 t.

Clarksdale — PLANTERS MFG CO. (1) C. G. Smith; (2) C. G. Bobo; (2) E. L. Anderson, Jr.; (3, 4) and gen. mgr., A. K. Shaifer. 3 exp., cap. 65 t.; solv. cap. 200 t. Storage cap. 500,000 bu. 41% protein exp. process soybean oil meal; 44% protein solv. extracted soybean oil meal. Served by IC RR.

Columbus — SOUTHERN COTTON OIL CO. Ph. 245. Main office New Orleans. Affiliate of Wesson Oil & Snowdrift Co., Inc. (7) J. L. Tennent, Jr.; (9) Y. E. Travis. "Sco-Co" soybean oil meal. Served by GM&O, SLSE, SOU, C&G RR.

Corinth — BUCKEYE COTTON OIL CO. Dist. mgr., A. J. Vaughan, Jr.; (7) N. A. Garrison.

Greenville — GREENVILLE OIL WORKS, Percy St. Ph. 6351-6352; LD 14. Affiliate of Mississippi Cottonseed Products Co., Jackson. (9) Hal Harris. Storage cap. 250,000 bu. Soybean operations 40%. Served by C&G, IC RR.

Greenville — MAGNOLIA SOY PRODUCTS CO., Hiway 1 at Theobald, P. O. Box 183. Ph. 2-1593. (1) J. M. Warren; (2, 6, 8, 9) L. L. Ford; (3, 5) Lyman Reed. 3 screw pr., cap. 75 t.; hexane solv. conversion, cap. 100 t. Storage cap. 300,000 bu. "Magnolia" soybean oil meal. Served by IC RR.

Greenville — REFUGE COTTON OIL DIV., Southern Cotton Oil Co., 815 Nelson St. Ph. 5474. Main office New Orleans. Affiliate of Wesson Oil & Snowdrift Co., Inc. (7) J. L. Tennent; (9) Joe B. Baird. French hexane solv. "Sco-Co" soybean oil meal. Served by IC, C&G RR.

Greenwood — BUCKEYE COTTON OIL CO. Dist. mgr., R. R. Mills; (7) W. G. Quinn.

Greenwood — PLANTERS OIL MILL. Affiliate of Mississippi Cottonseed Products Co., Jackson. (7) G. R. Simpson; (9) N. F. Howard. 3 French screw pr., cap. 75 t. Storage cap. 250,000 bu. Served by IC RR.

Grenada — GRENADA OIL MILL, Line St., P. O. Box 1125. Affiliate of Mississippi Cottonseed Products Co., Jackson. 9 hydraulic pr., cap. 60 t. Soybean operations 20%. Served by IC RR.



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PROCESSORS—(Continued)

Indianola—SUNFLOWER COTTON OIL CO., P. O. Box 389. Affiliate of Mississippi Cottonseed Products Co., Jackson. Gen. mgr., J. B. Perry, Jr. 12 hydraulic pr., cap. 60 t. Storage cap. 350,000 bu.

Jackson—BUCKEYE COTTON OIL CO. Dist. mgr., T. H. Harper; (7) E. A. Gaulding.

Jackson—MISSISSIPPI COTTONSEED PRODUCTS CO., Plaza Bldg., P. O. Box 939. Chmn. of board, W. D. Lowe; (1) H. E. Covington; (2) J. B. Perry, Jr.; (3, 4) John R. Mason. Plants at Belzoni, Greenville, Greenwood, Grenada, Indianola, Kosciusko, Magnolia, Miss.; Kennett, Mo.

Jackson—SOUTHLAND COTTON OIL CO. Main office Paris, Tex.

Kosciusko—PLANTERS OIL MILL. Ph. 36; LD 37. Affiliate of Mississippi Cottonseed Products Co., Jackson. (5, 6, 8, 9) H. S. Simmons; (7) J. O. Burrows. 9 hydraulic pr., cap. 40 t. Storage cap. 85,000 bu. 41% protein soybean oil meal. Soybean operations 5 to 16 weeks per year. Served by IC RR.

Magnolia—MAGNOLIA COTTON OIL CO. Affiliate of Mississippi Cottonseed Products Co., Jackson. (7) James Burrows. 12 hydraulic pr., cap. 65 t. Storage cap. 250,000 bu. "Magnolia" soybean oil meal and pellets. Soybean operations 50% Served by IC RR.

Marks—RIVERSIDE OIL MILL. Gen. mgr., Wm. King Self. 5 screw pr., cap. 125 t.; Anderson hexane solv., cap. 100 t. Storage cap. 750,000 bu. "Riverside" soybean oil meal. Served by IC RR.

Vicksburg—REFUGE COTTON OIL DIV., Southern Cotton Oil Co., P. O. Box 391. Ph. 2642; LD 9996. Main office New Orleans. Affiliate of Wesson Oil & Snowdrift Co., Inc. (7) C. C. Hammett; (9) M. J. Harper. Hydraulic pr. "Refuge" soybean oil meal. Served by IC RR.

MISSOURI

Kansas City—RALSTON PURINA CO., 2334 Rochester Ave. Ph. Victor 1316. Main office St. Louis. (5) F. G. Franze; (7) W. H. Kamp; (9) E. G. Hotchkiss. 6 screw pr., cap. 150 t. Storage cap. 500,000 bu. "Purina Chows" mixed feeds.

Kennett—HEMPHILL SOY PRODUCTS CO. (1, 6) W. A. Hemphill; (2, 8) W. B. Hemphill; (3, 4) J. A. Hemphill; (5) Van Watson; (7) Paul King. 3 exp., cap. 80 t.; solv., cap. 90 t. Storage cap. 800,000 bu. "Circle H" soybean oil meal and pellets. Served by SLSF RR.

Kennett—KENNETT OIL MILL, INC. Ph. 8-4516, 8-4517. Affiliate of Mississippi Cottonseed Products Co., Jackson, Miss. (5, 6, 8, 9) N. P. Bartmess. 14 hydraulic pr., cap. 120 t. "Kennett" soybean oil meal. Served by SLSF RR.

Mexico—M.F.A. COOPERATIVE GRAIN & FEED CO. Ph. 1199; LD 2. Main office 429 Cherokee St., St. Joseph, Mo. Affiliate Missouri Farmers Assn. (1) P. V. Heinkel; (2) John L. Meisner; (3) R. J. Rosier; (7, 9) Maurice Maze; gen. mgr., A. J. Loutch; office mgr., Kermit F. Head. 4 exp., cap. 80 t. Storage cap. 650,000 bu. "M.F.A." soybean oil meal, feeds and pellets. Served by WAB, GM&O, CB&Q RR.

SOYBEAN BLUE BOOK

PROCESSORS—(Continued)

New Madrid—BUCKEYE COTTON OIL CO. Dist. mgr., R. W. Coursey; (7) W. J. Milligan.

Sikeston — SIKESTON COTTON OIL MILL, INC. (1) H. E. Covington; (2, 5, 6, 8, 9) P. B. Bartmess; (3) E. O. DeField; (7) J. V. Shelton. 6 exp., cap. 120 t. Storage cap. 1,000,000 bu. Served by MP, SLSF RR.

St. Joseph—DANNEN GRAIN & MILLING CO., P. O. Box 429. Plant 900 Lower Lake Rd. Ph. 8-2431. (1) H. L. Dannen; (2) Dwight L. Dannen; (3, 4) F. A. Mannschreck; (5, 6, 8) F. A. Gumbert; (7) George Lippold; (9) Dudley Holbert. 6 screw pr., cap. 120 t.; hexane solv., cap. 250 t. Storage cap. 2,000,000 bu. at St. Joseph and branches in Iowa, Mo., and Nebr. "Dannen" soybean oil meal, mixed feeds and pellets. Served by MP, CB&Q, ATSF, RI, CGW, UP RR.

St. Louis 7—BLANTON MILL, INC., 3326 North Wharf. Ph. Main 4345. (1) D. A. Blanton, Jr.; (2, 5, 6, 8) R. A. Woolsey, Jr.; (3, 4) J. E. Dorn; (7, 9) C. Fuhrman. 3 screw pr., cap. 45 t. Storage cap. 180,000 bu. "Blanco" soybean oil meal. Served by CB&Q, ITC RR.

St. Louis—RALSTON PURINA CO., 835 S. 8th St. Also plants at Circleville, Ohio; Lafayette, Ind.; Bloomington, Ill.; Iowa Falls, Iowa; Kansas City, Mo. (1) Donald Danforth; (5, 8) Donald B. Walker; (6) Lamar Kishlar; (7) Fred White; (9) H. L. Colwell. 6 screw pr., cap. 145 t. Storage

cap. 1,225,000 bu. "Purina Chows" mixed feeds.

Trenton—CENTRAL FARM PRODUCTS CO., 801 Harris Ave. (1) J. A. Knudsen; (2, 6) E. Knudsen; (4) Axel Borglum; (5, 8, 9) H. K. Graham. 1 exp., cap. 20 t. Storage cap. 100,000 bu. "Solo" soybean oil meal. Served by RI RR.

NEBRASKA

Crete—WESTERN PRODUCTS CO. Ph. 153. Affiliate of J. F. Garvey Co. Exp. (1) Geo. Mechling. Served by CB&Q, MP RR.

Fremont — FREMONT CAKE & MEAL CO. (1) John J. Vanier; (2) Harry B. Lilly; (3, 4, 5, 6, 8, 9) Harry E. Wiysel; (7) Del Gaeth. 4 exp., cap. 56 t. Storage cap. 150,000 bu. "Pete Marr" soybean oil meal and pellets. Served by UP, CB&Q, CNW RR.

Lincoln 1—GOOCH MILLING & ELEVATOR CO., 6th and South Sts. Ph. 3-2345. (1) H. B. Lilly; (2) J. J. Vanier; (3) Maria Scheidt; (4, 6, 9) M. R. Eighmy; (5) J. Floyd Chance; (7) Lloyd Graham. 2 screw pr., cap. 45 t. Storage cap. 500,000 bu. "Gooch's Best" mixed feeds. Served by CB&Q, UP, CNW, MP, RI RR.

Omaha—ALLIED MILLS, INC. Main office Chicago. (7) L. Livengood; (9) F. H. Blough. Expeller. "Wayne" soybean oil meal, mixed feeds and pellets.

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PROCESSORS—(Continued)

NEW JERSEY

Bayonne — EL DORADO OIL WORKS, Box 187, Ph. Hemlock 6-8772; Cortlandt 7-5177. Main office San Francisco 4. Also plant Richmond, Calif. (5, 9) J. W. Howell; (6, 8) E. G. Hagen; (7) Norman W. Blaney. 13 screw pr., cap 250 t.; hexane solv., cap. 150 t. Storage cap. 400,000 bu. "El Dorado" soybean oil meal. Soybean operations 50%. Served by CNJ, LV, PRR, and all roads serving New York free literage area.

Edgewater — SPENCER KELLOGG & SONS, INC. Main office Buffalo.

NEW YORK

Buffalo—SPENCER KELLOGG & SONS, INC., 98 Delaware Ave. Plants at Chicago and Decatur, Ill.; Des Moines, Iowa; Bellevue, Ohio; Edgewater, N. J.; Long Beach, Calif. (1) Howard Kellogg, Jr.; (2) T. C. Jewett; (5) R. B. Jude; (6) R. L. Beyer; (8) R. E. Peterson. 15 exp., cap. 230 t. Storage cap. 1,000,000 bu. "Spencer Kellogg's" 44% protein soybean oil meal.

Oswego — OSWEGO SOY PRODUCTS CORP., E. Seneca St. (1) Stewart D. Ormsby; (2) R. F. Taylor; (3, 4) L. H. Amdur-sky; (7, 9) A. F. Horton; (8) J. B. Strong; asst. secy-treas. R. C. Lester. 7 exp., cap. 135 t.; hexane solv., cap. 200 t. Storage cap. 200,000 bu. "Oswego Soy Products Corp." soybean oil meal; "Big O" mixed feeds. Served by NYC, OW, DL&W RR.

Staten Island 2 — BROWN-ALLEN CHEMICALS, INC., 2581 Richmond Terrace. Ph. Gibraltar 8-5000. Affiliate of Standard Piezo, Carlisle, Pa. Chm. of Board, Roy Allen; (1) J. O. Ekblom; (2, 3, 4, 5, 6, 8) T. J. E. Brown; (7) E. Stanton; (9) R. A. Pollock. 10 screw pr., cap. 200 t. Storage cap. 100,000 bu. 41% old process soybean oil meal. Served by B&O, ERIE, NYC, DL&W, PRR.

NORTH CAROLINA

Charlotte 1 — BUCKEYE COTTON OIL CO. Dist. mgr., R. E. Evans; (7) Wm. R. Johnston.

Clayton — CENTRAL OIL & MILLING CO., P. O. Box 67. Ph. 214-1. (1, 4, 5, 6, 8, 9) Paul Keller; (2) Elisabeth S. Keller; (3) J. E. Nelson; (7) E. H. Brazelle. 2 French screw pr., cap. 40 t. Storage cap. 100,000 bu. "Comco" soybean oil meal. Served by SOU RR.

Farmville — MORGAN OIL & REFINING CO., 600 W. Pine St. (1) Irvin Morgan, Jr.; (3, 4) W. A. Pollard, Jr.; (7) H. V. Dixon. 3 hydraulic pr., cap. 24 t. Storage cap. 35,000 bu. "Jocko" soybean oil meal. Served by EC, NS RR.

Fayetteville—SOUTHERN COTTON OIL CO., 135 C St., P. O. Box 592. Ph. 32129. Main office New Orleans. Affiliate of Wesson Oil & Snowdrift Co. 6 hydraulic pr., cap. 45 t. "Sco-Co" soybean oil meal. Soybean operations 50%. Served by ACL RR.

Fremont — FREMONT OIL MILL CO. (1) J. B. Lane; (2) E. R. Lane; (3, 4) Percy Lane Hayes; (7) W. R. Jones. 3 hydraulic pr., cap. 25 t. Storage cap. 15,000 bu. "Fomco" soybean oil meal and crude soybean oil. Served by ACL RR.

SOYBEAN BLUE BOOK

PROCESSORS—(Continued)

Goldshoro—SOUTHERN COTTON OIL CO., P. O. Box 564. Ph. 196; LD 39. Main office New Orleans. Affiliate of Wesson Oil & Snowdrift Co. (9) and dist. mgr., W. V. Westmoreland. 7 hydraulic pr. "Sco-Co" 45% protein hydraulic soybean oil meal. Served by ACL, SOU, AEC RR.

Hertford—SOUTHERN COTTON OIL CO. Ph. 2131, 2141. Main office New Orleans. Affiliate of Wesson Oil & Snowdrift Co. (7) C. H. Twiddy; (9) C. P. Morris. 8 screw pr., cap. 75 t. Served by NS RR.

New Bern—NEW BERN OIL & FERTILIZER CO. Ph. 3194, 3195. (1, 5, 6) John S. Weskett; (2) H. G. Swan; (3, 4) W. W. McCotter; (7) F. C. Shearin. 2 screw pr., cap. 40 t. Storage cap. 150,000 bu. "N-O-M" soybean oil meal, mixed feeds and pellets. Served by NS, AEC, ACL RR.

Raleigh—BUCKEYE COTTON OIL CO. Dist. mgr., J. T. Wright; (7) J. F. Moody.

Rocky Mount—PLANTERS COTTON OIL & FERTILIZER CO., P. O. Box 912. Ph. 2-2131, 2-2132, 2-2133. (1, 6) R. D. Gorham; (2) W. M. Daughtridge, J. D. Robins; (2, 5, 8) W. T. Melvin; (2, 9) G. W. Gorham, Jr.; (3) T. H. Pitt; (4) J. L. Murphy; (7) C. J. Raynor. 12 hydraulic pr., cap. 60 t. Storage cap. 200,000 bu. "Planco" soybean oil meal. Served by ACL RR.

Rocky Mount—SOUTHERN COTTON OIL CO., P. O. Box 109. Ph. 2-3166. Main office New Orleans. Affiliate of Wesson Oil & Snowdrift Co., Inc. (7) W. J. Davis; (9) J. E. Lambert, Jr. 8 hydraulic pr., cap. 50 t. "Sco-Co" soybean oil meal. Soybean operations 25%. Served by ACL RR.

Tarboro—SOUTHERN COTTON OIL CO. Royster St. Ph. 2303, 2261. Main office New Orleans. Affiliate of Wesson Oil & Snowdrift Co., Inc. (7) J. W. Rhodes; (9) W. D. Moore. 8 hydraulic pr. "Sco-Co" soybean oil meal. Served by ACL RR.

Weldon—SOUTHERN COTTON OIL CO., P. O. Box 628. Ph. 9-328. Main office New Orleans. Affiliate of Wesson Oil & Snowdrift Co., Inc. (7) F. M. Wilson; (9) C. E. King. 16 screw pr. "Sco-Co" soybean oil meal. Served by ACL RR.

Wilson—FARMERS COTTON OIL CO., 510 E. Barnes St. Ph. 2154. (1, 5, 6) T. F. Bridgers; (2) C. P. Harris, Jr.; (3) J. L. Day; (4) H. M. Rogers; (7, 9) W. G. Bryant. 15 hydraulic pr., cap. 75 t. Storage cap. 275,000 bu. 45% protein soybean oil meal. Soybean operations 20%. Served by ACL, NS RR.

Wilson—SOUTHERN COTTON OIL CO. Ph. 3146, 3147. Main office New Orleans. Affiliate of Wesson Oil & Snowdrift Co., Inc. (7) J. A. Arnold; (9) A. H. Wells. 8 hydraulic pr. "Sco-Co" soybean oil meal. Soybean operations 10%. Served by ACL RR.

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PROCESSORS—(Continued)

NORTH DAKOTA

Grand Forks—NORTH DAKOTA MILL & ELEVATOR, Ph. 4-5541. (5) K. Quaintance; (6, 8) K. D. Ford; gen. mgr., R. M. Stangler; asst. mgr., P. R. Fossen. 3 screw pr. cap. 75 t.; hexane solv., cap. 35 t. Storage cap. 500,000 bu. "Dakota Maid" soybean oil meal, mixed feeds and pellets. Served by GN, NP RR.

OHIO

Bellevue—SPENCER KELLOGG & SONS, INC. Main office Buffalo.

Cincinnati 1—BUCKEYE COTTON OIL CO. Main office. (2) and gen. mgr., W. F. Bowld; (2) W. H. Knapp; (2) B. J. Gannt.

Cincinnati 32—DRACKETT CO., 5029 Spring Grove Ave. Plant Sharon Ave. and Lockland Rd. (1) Roger Drackett; (2, 9) R. B. Alspaugh; (3) K. H. Jones; (4) Albert Heekin; (5) R. A. Flodderman; (6) Philip Walters; (7) Don Ramseyer; (8) M. Settelmayer. Served by NYC, PRR.

Circleville—JOHN W. ESHELMAN & SONS, Ph. 200. Affiliate of John W. Eshelman & Sons, Lancaster, Pa. (1) H. Roy Eshelman; (2, 9) H. R. Eshelman, Jr.; (3) H. J. Eshelman; (5, 6) E. H. Howard; (7) Les Rihl. 3 screw pr., cap. 40 t. Storage cap. 30,000 bu. "Red Rose" soybean oil meal, mixed feeds and pellets. Served by N&W, PRR.

Circleville—RALSTON PURINA CO. Ph. 47. Main office St. Louis. (5, 9) A. V. Couch; (7) Ray T. Friend. 6 screw pr., cap. 145 t. Storage cap. 650,000 bu. "Purina Chows" mixed feeds. Served by N&W, PRR.

Coshocton—FARMERS SOY PRODUCTS, 126 Hickory St. Ph. 50. Affiliate of Coshocton Farmers Exch. (1) Arthur Erman; (2) J. A. Randles; (3, 4, 6, 9) Burt Miskimen; (5, 8) Dean Marty; (7) Lon Jelly; other officials, Irwin Porteus, Archie Lapp. 2 screw pr., cap. 32 t. Storage cap. 40,000 bu. "Exco" Expeller soybean oil meal. Soybean operations 275,000 bu. yearly. Served by NKP, PRR.

Delphos—DELPHOS GRAIN & SOYA PRODUCTS CO. Ph. 5261. (1) and gen. mgr., Floyd E. Hiegel; (2) William Mericka; (3) F. E. Warren; (5) Kenneth E. Schultz; (6, 8) E. M. Wiecher; (7) Walter J. Suever; traffic mgr., Fred Tegtmeyer. Anderson hexane solv., cap. 120 t. Storage cap. 750,000 bu. 44% protein soybean oil meal. Served by NKP, PRR.

Fostoria—SWIFT & CO. Main office Chicago. (5, 9) H. S. Byrd; (7) F. E. Doll; (8) E. L. Parsons. "Swift's" soybean oil meal.

Lexington—LEXINGTON SOY PRODUCTS CO. Main office Delphos. Solv., cap. 110 t. Storage cap. 540,000 bu. "Red Arrow" soybean oil meal. Served by B&O RR.

Marion—CENTRAL SOYA CO., INC. Main office Fort Wayne. (9) Robert W. Fay. Solv., cap. 400 t. Storage cap. 2,500,000 bu. "Central Star" soybean oil meal. "Control" lecithin, "Control" soybean oil products, "Master Mix" concentrates and complete feeds.

Ohio City—HOLLAND PIONEER MILLS, INC. (1, 3, 5, 6) G. A. Holland; (2, 4) J. R. Klosterman; (7) Owen Gephardt; traffic mgr., R. J. Schnitz. 2 exp., cap. 46 t. Storage cap. 200,000 bu. "Lucky Strike" soybean oil meal, feeds and pellets. Served by ERIE, NYC, NKP RR.

Painesville—A. E. STALEY MFG. CO. Ph. 3523. Main office Decatur, Ill. (8) Lyle Wiegand; (9) Thomas Longbons. Hexane solv. "Staley's" soybean oil meal. Served by B&O, NYC, NKP RR.

Rossford—GENERAL MILLS, INC., chemical div. Ph. Walnut 6611. Main office Minneapolis. Grain buyer and office mgr., L. R. Brewster; (7) G. W. Martin. Hexane solv., cap. 250 t. Storage cap. 1,500,000 bu. "General Mills 44%" protein solv. (hexane) extracted soybean oil meal.

Toledo—TOLEDO SOYBEAN PRODUCTS CO., 215 Pontiac St. Ph. Pontiac 3434, 3435. (5, 6, 8, 9) J. H. Brown; (7) M. Bame. 3 screw pr., cap. 48 t. Storage cap. 100,000 bu. 41% Expeller "Super Duo" soybean oil meal. Served by PRR.

OKLAHOMA

Durant—DURANT COTTON OIL & PEANUT CORP., 401 Railway Ave. Ph. 1900, 1901. (1) G. W. Morrow; (2, 5, 6, 8) W. H. Sands; (2, 9) G. W. Morrow, Jr.; (3, 4) J. C. Taylor; (7) J. B. Bruce; office mgr., D. W. Sands. 2 exp., cap. 40 t. storage cap. 3,000 t. "Durco" soybean oil meal and pellets. Served by SLSF, KO&G, MKT RR.

Guthrie—GUTHRIE COTTON OIL CO., P. O. Box 446. Ph. 400; LD 10. (1, 6) H. P. Cook; (3) H. Dale Cook; (4, 8) Geo. Elder; (5) J. E. Murphy; (7) J. E. Satterfield. 6 screw pr., cap. 70 t. Storage cap. 175,000 bu. "Red Steer" soybean oil meal and pellets. Soybean operations 75%. Served by ATSF RR.

McAlester—McALESTER OIL MILL CO., 14th and Washington, P. O. Box 275. Ph. 710; LD 3. (1, 5, 6, 8, 9) P. F. Rosso; (2) S. C. Boswell; (3, 4) Jimmy Hall; (7) H. D. Moore. 4 French pr., cap. 55t. Storage cap. 150,000 bu. "Red Seal" soybean oil meal and pellets; "Choctaw" mixed feeds. Served by RI, MKT RR.

Muskogee—MUSKOGEE COTTON OIL MILL, 724 N. Mill St. Main office Kimbell Oil Mill, Box 1540, Fort Worth. (5, 8, 9) G. N. Irish; (7) J. E. Earl. 3 French pr., cap. 60 t. Storage cap. 260,000 bu. "Musco" and "Red Seal" soybean oil meal and pellets. Served by MKT, SLSF, MV, KO&G RR.

Oklahoma City—PRODUCERS COOPERATIVE OIL MILL, 5 E. Frisco St. Ph. Central 2-5173. (1) W. H. Kosanke; (2) J. G. Stratton; (3) J. Bryan Gentry; (7) J. B. Haskew; (9) A. L. Hazleton; asst. mgr., B. W. Heath. 5 screw pr., cap. 100 t. Storage cap. 350,000 bu. "Co-op" soybean oil meal and pellets. Served by SLSF RR.

Oklahoma City—SOUTHLAND COTTON OIL CO. Main office Paris, Tex.

Oklahoma City—SOUTHWESTERN COTTON OIL CO., 6 SE. 4th St., P. O. Box 1217. (1) R. A. Vose; (2) A. E. King, Jr.; (3, 4, 5, 6, 8, 9) Mrs. G. E. Mace; (7) Jim Wilson. 6 hydraulic pr., cap. 62 t. Storage cap. 400,000 bu. "Little Bull" soybean oil meal and pellets. Soybean operations 50%. Served by ATSF, RI, MKT, SLSF RR.

Tulsa—TULSA COTTON OIL MILL, 419 S. Quincy, P. O. Box 2479. Affiliate of Chickasha Cotton Oil Co. (1) A. L. Durand; (2) C. Britain; (3, 4) J. T. Aust; (5, 9) B. Britain; (6, 8) C. R. Van Valkenburgh; (7) Loyd Garten; cashier, C. E. Jones. 3 exp., cap. 60 t. Storage cap. 100,000 bu. "Chickasha Quality" soybean oil meal and pellets. "Chico" feeds. Served by MKT, SLSF, ATSF, MV RR.

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PROCESSORS—(Continued)

PENNSYLVANIA

Jersey Shore—PENNA. SOY BEAN CO., INC. Ph. 643. (1, 4, 5) M. R. Derk; (2) W. L. Shinton; (3) R. M. Wolf. 1 screw pr., cap 15 t. Storage cap. 65,000 bu. Served by NYC RR.

Philadelphia—CARGILL, INC., Pier 100 S., Delaware Ave. and Bigler St. Ph. Howard 5-1313. Main office Minneapolis. (7) R. F. Hubbard; (9) N. H. Richards. Exp. "Cargill" soybean oil meal.

SOUTH CAROLINA

Bennettsville — SOUTHERN COTTON OIL CO., 215 Spencer St. Ph. 75. Main office New Orleans. Affiliate of Wesson Oil & Snowdrift Co., Inc. (7) J. D. Costner; (9) G. L. Hooks, Jr. "Sco-Co" soybean oil meal. Served by ACL RR.

Camden—SOUTHERN COTTON OIL CO. Ph. 54. Main office New Orleans. Affiliate of Wesson Oil & Snowdrift Co., Inc. (7) H. H. Pooser; (9) Thomas Ancrum. 3 French screw pr., cap. 25 t. "Sco-Co" soybean oil meal. Soybean operations 25%. Served by SOU, SA RR.

Kershaw — KERSHAW OIL MILL. (1) and gen. mgr., H. L. McPherson; (2) Edna S. Stevens; (2) Fred E. Culvern; (3) John S. Davidson; (4) and asst. gen. mgr., T. V. Hough; (7) Y. L. Copeland. 12 exp., cap. 125 t. Storage cap. 500,000 bu. 45% protein soybean oil meal. Served by SOU RR.

Lancaster — LANCASTER COTTON OIL CO. Affiliate Kershaw Oil Mill. (1, 5, 6) H. L. McPherson; (2, 4, 8) W. G. Taylor; (3) A. P. McLure; (7, 9) W. Ben Sowell. 8 exp., cap. 70 t. Storage cap 150,000 bu. "Palmetto" soybean oil meal. Soybean operations 33%. Served by SOU, LC RR.

Marion — MARION COTTON OIL CO. Affiliate of Kershaw Oil Mill. (1, 5, 6, 8) H. L. McPherson; (3) John S. Davidson; (4) T. V. Hough; (7) Roy Peebles; (9) W. W. Snipes. 10 hydraulic pr. Storage cap. 25,000 bu. Served by ACL RR.

Orangeburg—SOUTHERN COTTON OIL CO., P. O. Box 313. Ph. 12, 2237. Main office New Orleans. Affiliate of Wesson Oil & Snowdrift Co., Inc. (7) L. T. Zeigler; (9) C. R. Duncan. "Sco-Co" soybean oil meal. Served by SOU, ACL RR.

SOUTH DAKOTA

Sioux Falls — WESTERN SOYBEAN MILLS, 701 N. Weber. Affiliate of Sioux Industries, Inc. (1) Henry Sherman; (2) E. N. Grueskin; (5, 8, 9) Frank S. Burson; (4) Phil Sherman; (6) Irving Sherman; (7) Wallace Abraham. 4 exp., cap. 100 t. Storage cap. 350,000 bu. "Sioux Brand" soybean oil meal, feeds and pellets. Served by CNW, GN RR.

TENNESSEE

Memphis—BUCKEYE COTTON OIL CO. Western div. mgr., W. R. Flippin; dist. mgrs., T. F. Horn, R. H. Norris; Binghamton Mill (7) P. B. Hare; Hollywood Mill (7) W. E. Hassler.

Memphis — SOUTHERN COTTON OIL CO., 1351 Williams St. Ph. 7-6407; LD 331, 332. Main office New Orleans. Affiliate of Wesson Oil & Snowdrift Co., Inc. (7) O. D. Easley; (9) W. K. Martak. Served by SOU RR.

SOYBEAN BLUE BOOK

PROCESSORS—(Continued)

Memphis—SWIFT & CO., P. O. Box 3867, Lamar Sta. Main office Chicago. (5, 9) E. C. McGee; (7) W. H. Stewart; (8) J. C. Prael. "Swift's" soybean oil meal.

Nashville—NASHVILLE COTTON OIL MILL CORP., 416 Chestnut St. (1, 6, 8) E. Rice, Jr.; (2) S. H. Ridens; (3, 4, 5) W. W. Smith; (7) Earl Evans. 5 exp., cap. 100 t. Storage cap. 300,000 bu. "Famous" mixed feeds and pellets; soybean oil meal. Soybean operations 33%. Served by N&C, L&N RR.

Tiptonville—WEST TENNESSEE SOYA MILL, INC. Ph. 212; LD 60. (1) J. E. Vaughn; (2) L. O. Brayton; (2, 5, 6, 8, 9) Peter Fredrickson; (3, 4) W. A. McCutchen; (7) Thos. Hutchinson. Allis-Chalmers hexane solv., cap. 150 t. Storage cap. 350,000 bu. 44% protein solv. ext. soybean oil meal. Soybean operations 35,000 t. Served by IC RR.

TEXAS

Cooper — COOPER COTTON OIL CO. Subsidiary of Chickasha Cotton Oil Co. (1) A. L. Durand; (2) C. M. McKinney; (3) 4) Quentin Miller; (5) C. R. Van Volkenburgh; (7) C. B. Landers; (8, 9) Guy Ray. 4 hydraulic pr., cap. 35 t. Storage cap. 50,000 bu. Soybean operations 33%. Served by SP RR.

Gatesville—CORYELL COUNTY COTTON OIL CO., P. O. Box 208. Owner, R. S. Ray; mgr., E. S. Bennett; gen. supt., Robert C. Howell; supt., J. B. Smith; office mgr., J. W. McDonald; mixed feed div. supt., D. M. Mosley. 6 hydraulic pr., cap. 38 t. Storage cap. 100,000 bu. Served by SSW RR.

Hamlin — MID WEST COOPERATIVE OIL MILL, P. O. Drawer BB. Ph. 174. (1) A. F. Kemp; (2) T. T. Smith; (3, 4, 5, 6, 8, 9) Clyde Grice; (7) D. A. Mullings. 4 screw pr., cap. 120 t. Storage cap. 1000 t. Pellets. Crush soybeans when cottonseed not available. Served by MKT, ATSF RR.

Paris — SOUTHLAND COTTON OIL CO. Processing plants at Oklahoma City, Okla.; Shreveport, La.; Jackson, Miss. Chm. of board, S. W. Wilbor; (1) J. R. Gill; (2, 4) J. O. Atwell.

San Marcos—SAN MARCOS OIL MILL, P. O. Box 8. Ph. 8. (1) L. J. Eastwood; (3, 4, 5, 6, 8, 9) H. K. Eastwood; (7) Albert Damerau. 1 screw pr., cap. 15 t.; 3 hydraulic pr., cap. 20 t. Storage cap. 200,000 bu. 41% protein soybean oil meal, and pellets. Served by IGN, MKT RR.

Seguin—SEGUIN COTTON OIL CO., 561 W. New Braunfels, P. O. Box 750. Ph. 5, 47; LD 3. (1) D. D. Baker, Jr.; (2) I. Dittmar; (3, 4, 5) Hugo G. Schmitt; (7) E. D. Kuhn; (8) A. W. Heidmann. 1 screw pr., cap. 60 t. Storage cap. 100,000 bu. "Sunny Home" mixed feeds and pellets. Soybean operations about 33%. Served by SP RR.

Sherman—GENERAL VEGETABLE OIL CO. Ph. LD 45. Also office Fort Worth. Affiliate of Kimbell-Norris Mills. (1, 6) P. A. Norris, Jr.; (2) Kay Kimbell; (2, 5, 8) W. B. Vaughan; (3) B. J. Quinn; (7) J. H. Fryer; (9) F. D. Phillips. 4 screw pr., hexane solv., cap. 200 t. Cottonseed major operation. Served by MKT RR.

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PROCESSORS—(Continued)

Van Alstyne—VAN ALSTYNE COTTON OIL CO. (1, 5, 6) J. Umphress; (2) Creed Taylor; (3) S. M. Cartwright; (7) M. F. Duke. 3 hydraulic pr. Served by T&N RR.

Weatherford—PLANTERS COTTON OIL CO., Box 317. (1) J. R. Fleming; (2) E. D. Raines; (3, 4, 5, 6, 8) E. T. Fleming; (7, 9) Lowery Johnson. 2 French pr., cap. 40 t. Storage cap. 100,000 bu. "Planters" soybean oil meal and pellets. Served by T&P SL&F RR.

Wharton—PEOPLES COTTON OIL CO., P. O. Box 1180, Plant 500 Sunset St. Ph. 43, 84. (1, 4, 5, 6, 9) H. E. Wilson; (2) Mrs. Hans Guldman; (3) S. R. Harmanson, Jr.; (7) Fred Johnson. 9 hydraulic pr., cap. 100 t. Storage cap. 10,000 bu. 43% soybean oil meal. Soybean operations part time. Served by SP, AT&S RR.

VIRGINIA

Norfolk—DAVIS MILLING CO., INC., 1197 Water St. (1) H. L. Fockler; (5) J. F. Gutelius; gen. mgr., H. R. Davis. 3 hydraulic pr., cap. 40 t. Storage cap. 100,000 bu. "DMCO" soybean oil meal. Served by N&W RR.

Portsmouth—ALLIED MILLS, INC. Main office Chicago. (7) L. C. Campbell; (9) F. H. Shelby, Exp. "Wayne" soybean oil meal, mixed feeds and pellets.

Suffolk—SUFFOLK OIL MILL, INC., P. O. Box 736. (1, 5, 6, 8) L. W. Caulk, Jr.; (2) L. B. Caulk; (3, 4) J. F. Caulk; (7) J. H. Jones. Soybeans operations 3%. Served by VGN RR.

WISCONSIN

Janesville—JANESVILLE MILLS, INC., 411 S. Pearl St. Ph. 3371. (1) Ralph Wells; (2) Geo. Conway; (3, 4, 9) A. Roger Hook. 2 screw pr., cap. 30 t. Storage cap. 120,000 bu. "JM" old process soybean oil meal. "Gold Medal Super Sweet" mixed feeds. Served by MILW, CNW RR.

Menomonie—NORTHWEST COOPERATIVE MILLS. Main office 635 N. Fairview Ave., St. Paul 2. Ph. Nester 9661. (1) E. A. Syftstad; (2) Martin Kotiranta; (3, 4) Milo Dahl; (5) and gen. mgr., A. H. Rofers; (7) Leland Bandelow. 2 screw pr., cap. 40 t. Storage cap. 158,000 bu. "Co-op" soybean oil meal and mixed feeds. Served by CNW, MILW RR.

CANADA

Altona, Man.—CO-OP VEGETABLE OILS LTD., P. O. Box 150. Ph. 62. (1) J. J. Peters; (3, 4) and gen. mgr., D. K. Friesen; (5) John Funk; (7) John Enns; plant eng., G. H. Dueck. 3 exp., cap. 50 t. Storage cap. 250,000 bu. "Advance" soybean oil meal. Soybean operations 250,000-400,000 bu. Served by CP RR.

Baden, Ont.—DOMINION LINSEED OIL CO. LTD. Ph. 14. Main office Montreal, Que. (1) S. Irwin; (2) D. E. Wiley; (3, 4) E. R. Wormington; (6, 8) J. B. Rollins; (7) S. Mott; (9) H. Leiskau. 5 screw pr., cap. 75 t. Storage cap. 95,000 bu. "Blue Blossom" soybean oil meal. Soybean operations 300,000 bu. Served by CN RR.

Fort William, Ont.—EDIBLE OILS LTD., P. O. Box 130. Main office Winnipeg, Man. (1) K. A. Powell; (2) J. Gordon Ross; (3, 4) W. T. Powell; (7, 9) A. J. Lamminen. Solv., cap. 50 t. Storage cap. 500,000 bu. "Edible" soybean oil meal. Served by CN, CP RR.

Hamilton, Ont.—CANADIAN VEGETABLE OIL PROCESSING LTD., Victoria Ave. and Burlington St. (1, 5, 6, 8, 9) G. S. Boulter; (2) J. Reesor; (3, 4) J. T. Matthews; (7) B. Mooney. 7 exp., cap. 150 t. Storage cap. 500,000 bu. "CVOP" soybean oil meal. Served by CN RR.

Toronto, Ont.—TORONTO ELEVATORS LTD., Queen's Quay. Ph. Empire 4-7161. (1) G. C. Leitch; (2) R. C. Berkinshaw; (2) feed div., F. W. Present; (2, 5) grain div., A. D. Clark; (3) F. T. Carnegie; (4) G. W. Hawes; oil mgr., H. E. Bryant; oil prod. mgr., R. S. Wayman. 8 screw pr., cap. 150 t.; hexane solv., cap. 150 t. Storage cap. 2,000,000 bu. "Double Diamond" soybean oil meal; "Master" mixed feeds and pellets. Served by CN, CP RR.

Toronto, Ont.—VICTORY MILLS LTD., 285 Fleet St. E. Ph. Empire 3-8771. Wholly owned subsidiary of Canadian Breweries Ltd., Toronto. Chm. of board, E. P. Taylor; (1) J. G. Campbell; (2) T. G. Ferguson; (2, 4) G. Abrams; (2, 5, 6) A. R. Gillespie; (2, 8) J. C. Henderson; (3) W. E. Drewry; (7, 9) R. G. Loftus. 5 screw pr., cap. 120 t.; hexane solv., cap. 210 t. Storage cap. 1,100,000 bu. "Veeline" soybean oil meal; "Soywhite" fat-free soy flour. Served by CN, CP RR.

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FOREIGN PROCESSORS

Includes the firms about which the editors were able to obtain information. Not a complete list.

FRANCE

Fecamp—GRANDE HUILERIE BORDELAISE, route de Rouen. (1) M. Philippart. 14 screw pr., cap. 90 metric t.; solv. cap. 90 metric t. Storage cap. 5,000 metric t. "Croix-Verte" soybean oil meal; "Nutrix" mixed feeds; "Fluidor" lecithin.

Bordeaux — GRANDE HUILERIE BORDELAISE, 8, cours de Gourgue. Plant at 180 quai de Brazza, Bordeaux-Bastide. (1) M. Philippart. 11 screw pr., cap. 150 metric t.; solv. cap. 150 metric t. Storage cap. 10,000 metric t. "Croix-Verte" soybean oil meal; "Nutrix" mixed feeds; "Fluidor" lecithin. Served by SNCF RR.

GERMANY

Dusseldorf/Holthausen — HENKEL & CIE., G.m.b.H., Henkelstrasse 67. Solvent plant not operating.

Hamburg 1—HANSA-MUHLE A.G., Salt-alerstr. 12. Plants for extraction, oil-refining and hardening at Hamburg-Neuhof, Kohlbrandstr. 1. (1) H. V. Siebert, E. G. Grimmer; (7) A. Kleinhempel. 4 screw pr., cap. 240 t.; benzine solv., cap. 250 t. Storage cap. 440,000 bu. Sojaschrot "Vita" soybean oil meal; "Hansa-Muhle Extra-Liquosa Special" lecithin.

Hamburg 28 — STETTINER OELWERK IN HAMBURG A.G. Directors, G. Saltz-wedel, Dr. O. Tewagg; (6, 8) K. Vieregutz; (9) K. Habert. 12 screw pr., cap. 150 t.; benzine solv., cap. 250 t. Storage cap. 5000 t. Soyschrot "Imperial" soybean oil meal; "Mandschu" and "Sedina" refined oil.

Hamburg-Altona — NORDDEUTSCHE OELMUHLENWERKE G.m.b.H., Strese-mannstr. 375. Subsidiary of Hugo Stinnes G.m.b.H., Muhlheim/Ruhr. (1) Dr. Samwer, Mr. C. Mohr; (2) Miss A. Holler. 6 screw pr., cap. 300 t.; benzine solv., cap. 300 t. Storage cap. 2,000 t. a 1,000 kg. "Emporia" soybean oil meal.

Hamburg-Harburg 1 — HARBURGER OELWERKE BRINCKMAN & MERGELL, Seehafenstr. 2. Phone 37 11 41. Owners: M. J. Brinckman, A. Brinckman, C. Mergell, K. V. v. Sydow; (4) W. Plett; (5) W. A. Sostmann; (6) R. Zehn; (8) W. Seiffert; (9) H. Schnakenberg, chief chemist, Dr. W. Rheinheimer. 62 pr., cap. 500 t. (pressing); petrol and hexane solvent plants, cap. 800 t. (basis soybeans). Storage cap. 845,000 bu. "Hobum" soybean oil meal. Served by Hamburg-Untereibe, Ansch-lussgleis 11 RR.

Hamburg-Harburg — F. THORL'S VER-EINGTE HARBURGER OELFABRIKEN AKTIENGESellschaft, Harburger Schloss-strasse 20. Plant at Schliessfach 47. Phone Hamburg 37 12 31. Board of directors: Dreschers, Hanel, Dr. Schraud, ten Haven; (3) Guschall; (4) ten Haven; (5) Dr. Schraud; (6) Freese; (7) Warden-phul; (8) Wartberg; (9) Hanel. Benzine

ext., cap. 550 t. Storage cap. 20,000 t. at Citadel. Pellets. Served by Deutsche Bundesbahn RR.

Heilbronn a.N.—CARL HAGENBUCHER & SOHN, Kranenstr. 12. Phone 2841-43. (1) Dr. Ernst Wecker; (5) Dr. P. Wecker; (6) Klaus Wecker; (7, 9) Dr. Fritz Wecker; (8) Alfred Stahl. 6 screw pr., cap. 100 t.; Hansa-Muhle hexane solv., cap. 100 t. Storage cap. 2,000 t. Soy flour. Soybean operations 4,000 tons per year. Served by DB RR.

Neuss/Rhein — O. & L. SELS, Dussel-dorfstr. 101. Phone 4954-56. 4 screw pr., cap. 100 t.; hexane solv., cap. 100 t. Soybean oil meal.

Neuss/Rhein—C. THYWISSSEN, Oelfabrik. (1) Josef Thywissen and Carl Thywissen. 17 exp., cap. 350 t.; solv., cap. 600 t. Storage cap. 350,000 bu.

Neuss/Rhein—WALTER RAU NEUSSER OELWERKE A.G., Industriestrasse 36-40. Affiliate of Walter Rau Teutoburger Margarinwerke, Hitler T.W. (1) Dr. Hub-ertus Carls; (5) Erich Ancker.

Wiesbaden—FAUTH Aktiengesellschaft, Mainzerstrasse 89a. Phone 2241. (1) Dr. Schreiber-Gastell; (4) Prok. Schluter; (6) Prok. Scheurich; (7) Dr. Koebel; (9) Ing. Brechter. 5 screw pr.; Hansa-Muhle benzine solv., cap. 150 t. Storage cap. 2,000 t. "Sonne" soybean oil meal. Soybean operations 50%. Served by Wiesbaden-Haupt-bahnhof, Anschlussgleis RR.

NORWAY

Oslo — A/S NORSK SOYAMELFABRIK, Fr. Nansenspl. 9. Phone 427353. Plant at Larvik. Phone 1516. Solv., cap. 115 t. Storage cap. 200,000 bu. (1, 5) Ludvig Ramm; (7) Arne Flood; (9) Karl Schoning. "Prota" soybean oil meal. Served by Oslo-Dram-men-Larvik RR.

SOUTH AMERICA

Santa Rosa-RGS-Brazil — INDUSTRIA GAUCHA DE OLEOS VEGETAIS LTDA., Rua Santa Cruz s/n. (1) Eurico Leusin. 1 exp., cap. 5 t. Storage cap. 900,000 kilo. Soybean operations 1952 280,000 kilo.

Campanas - Sao Paulo - Brazil — CIA SWIFT DO BRASIL S.A. Ph. 3291-2-3. Affili-ate of International Packers Ltd. (C. H. Hodges; (2) C. E. Wrynn; (3, 4) F. E. Lanzetta; (5, 6, 8, 9) O. H. Obertopp; (7) R. H. Welker. 10 screw pr., cap. 60 t. Storage cap. 400,000 bu. "Swift-Plate" soybean oil meal; low-fat soy flour. Soy-bean operations 2000-5000 t. Served by E.F. Paulista-Mogiiana-Sorocabana R.R.

Sao Paulo-Brazil — CIA SWIFT DO BRASIL S. A. Plant at Sao Jose de Rio Preto. Ph. 165. Affiliate of International Packers. (1) C. H. Hodges; (2) C. E. Wrynn; (3, 4) F. E. Lanzetta; (5, 6, 8, 9) O. H. Obertopp; (7) F. E. Larsen. 4 screw pr., cap. 40 t. Storage cap. 300,000 bu. "Plate-Swift" soybean oil meal. Soybean operations part time. Served by Estrado de Ferro Araraquera RR.

REFINERS OF SOYBEAN OIL

CALIFORNIA

Long Beach — PROCTER & GAMBLE MFG. CO.

Wilmington — VEGETABLE OIL PRODUCTS CO., INC., 491 Canal Ave.

GEORGIA

Macon — PROCTER & GAMBLE MFG. CO.

Savannah — SOUTHERN COTTON OIL CO.

ILLINOIS

Chicago 9 — ARMOUR & CO., Union Stock Yards. Plants at Chicago, Fort Worth, Chattanooga, Jersey City.

Chicago — SOUTHERN COTTON OIL CO.

Chicago 9 — WILSON & CO., INC., 41st and Ashland Ave. Plants at Chicago, Chattanooga, Oklahoma City.

Decatur — A. E. STALEY MFG. CO.

Jacksonville — MRS. TUCKER'S PRODUCTS, div. of Anderson, Clayton & Co., P. O. Box 368, RFD No. 6.

IOWA

Clinton — PILLSBURY MILLS, INC., Wilson Bldg. Plant also at Centerville.

LOUISIANA

Gretna — SOUTHERN COTTON OIL CO.

Opelousas — OPELOUSAS OIL REFINERY, 909 Railroad Ave. Affiliate Cotton Products Co., Inc., Opelousas.

MINNESOTA

Minneapolis — ARCHER-DANIELS-MIDLAND CO., 600 Roanoke Bldg. Plants in Mankato and Minneapolis, Minn.; Chicago and Decatur, Ill.; Fredonia, Kans.; Buffalo, N. Y.; Edgewater, N. J.; Portland, Ore.; Kenedy, Texas.

Minneapolis 1 — GENERAL MILLS, INC., chemical div., 700 General Mills Bldg Plant, Belmont, Iowa.

MISSOURI

St. Louis 7 — BLANTON CO., 3400 N. Wharf.

NEW JERSEY

Bayonne — SOUTHERN COTTON OIL CO.

Newark — COLONIAL PACKING CORP., 174 Blanchard St. Other plants, Italian Cook Oil Corp. and Pem Sales Co., Inc.

NEW YORK

Buffalo — SPENCER KELLOGG & SONS, INC., 98 Delaware Ave. Plants at Edgewater, N. J.; Bellevue, Ohio; Decatur and Chicago, Ill.; Long Beach, Calif.; Des Moines, Iowa.

New York 17 — BEST FOODS, INC., 1 E 43rd St. Plants at Bayonne, N. J.; Chicago, Ill.; Dallas, Texas; San Francisco, Calif.

New York 10 — E. F. DREW & CO., INC., 15 E. 26th St. Plant, Boonton, N. J.

New York 22 — LEVER BROS. CO., 390 Park Ave. Refining plants at River Road, Edgewater, N. J.; Indianapolis Blvd., Hammond, Ind.; 6300 E. Sheilla St., Los Angeles 22, Calif.

Port Ivory, Staten Island — PROCTER & GAMBLE MFG. CO.

OHIO

Cleveland 14 — GLIDDEN CO., 1396 Union Commerce Bldg. Oil refining operations conducted through Durkee Famous Foods and Vegetable Oil Products division with plants at Elmhurst, L. I., N. Y.; Louisville, Ky.; Chicago, Ill.; Berkeley and Buena Park, Calif.; Cleveland, Ohio.

Columbus 16 — CAPITAL CITY PRODUCTS CO., 525 W. 1st Ave., P.O. Box 569.

Ivydale, Cincinnati — PROCTER & GAMBLE MFG. CO.

OKLAHOMA

Chickasha — CHICKASHA COTTON OIL CO. Plants at Altus, Anadarko, Chickasha, Clinton, Frederick, Hobart, Hollis, Mangum and Tulsa, Okla.; Wichita Falls, Tex. (first refinery only).

Oklahoma City — WILSON & CO., INC.

PENNSYLVANIA

Philadelphia 34 — C. F. SIMONIN'S SONS, INC., Tioga and Belgrade Sts.

TENNESSEE

Chattanooga — WILSON & CO., INC. Refinery, Hooker Rd., Box 1230.

Memphis — HUMKO CO., 1702 N. Thomas St. Offices: New York, Chicago, Philadelphia, Los Angeles.

Memphis — SOUTHERN COTTON OIL CO.

TEXAS

Dallas — PROCTER & GAMBLE MFG. CO.

El Paso — WESTERN COTTON OIL CO., refinery div., P.O. Box 1491.

Sherman — MRS. TUCKER'S PRODUCTS, div. of Anderson, Clayton & Co., 1201 E. Pecan St.

VIRGINIA

Portsmouth — PROCTER & GAMBLE MFG. CO.

WISCONSIN

Cudahy — CUDAHY BROS. CO.

CANADA

W. Toronto 9 — CANADA PACKERS, LTD. Plants located at Toronto, Montreal, Winnipeg, Edmonton and Vancouver.

Toronto — LEVER BROS. LTD., 299 Eastern Ave. Affiliate Lever Bros. and Unilever Ltd., London, England.

E. Hamilton — PROCTER & GAMBLE CO. OF CANADA, LTD., Burlington St.

GERMANY

Neuss/Rhein — C. THYWISSSEN, Olfabrik.

SOY PRODUCTS

MANUFACTURERS AND HANDLERS OF SOY FOODS

BEVERAGES

Arlington, Calif.—LOMA LINDA FOOD CO. Coffee substitute.

Azusa, Calif.—W.H.Y. & KEVO PRODUCTS CO., LTD. Subsidiary of G. M. Bartlett Co. "W.H.Y." and "Kevo" soy products.

Los Angeles, Calif.—CUBBISON CRACKER CO., 3419 Pasadena Ave. "Cub-bison's Hollywood Cup."

Champaign, Ill.—COCHRAN HEALTH FOOD STORE, 504 S. Neil St. Handlers.

Chicago, Ill.—CHICAGO DIETETIC SUPPLY HOUSE, 1750 W. Van Buren St.

Chicago 14, Ill.—WM. H. LEAHY CO., INC., 918 Armitage Ave. Wholesale dist. Coffee substitutes.

Chicago, Ill.—JOHN SEXTON & CO., Sexton Square. Other plants at Long Island City, Boston, Philadelphia, Pittsburgh, Detroit, Atlanta, Dallas and San Francisco. "Chocolait."

Des Moines 9, Iowa—SOY PRODUCTS CO., 7 7th St.

Camden 5, N. J.—BRILLIANT FOODS, P. O. Box 912 E. Camden Sta.

Syracuse, N. Y.—VEGETABLE PRODUCTS CO., 510 S. Clinton St. "Bevasoy," soybean coffee substitute, contains also roasted fruit.

Madison College, Tenn.—MADISON FOODS.

Hamilton, Ont., Canada—VI-TONE PRODUCTS LTD., P. O. Box 366. Tonic food beverages with soybean base.

BREAKFAST FOODS

Champaign, Ill.—COCHRAN HEALTH FOOD STORE, 504 S. Neil St. Handlers. Unrefined cereals.

Chicago, Ill.—CHICAGO DIETETIC SUPPLY HOUSE, 1750 W. Van Buren St. Breakfast foods. "Cellu Soy Flakes."

Chicago 10, Ill.—FEARN SOYA FOODS, 355 W. Ontario St. "Dr. Fearn's" wheat cereal and soya.

Des Moines 9, Iowa—SOY PRODUCTS CO., 7 7th St.

Battle Creek, Mich.—KELLOGG CO. "Corn Soya."

Red Wing, Minn.—SPECIAL FOODS CO., div. of Sturdiwheat Co. Office, Citizens Fund Bldg. Plant, 970 Raymond Ave., St. Paul. "V-932" high-protein food.

Syracuse, N. Y.—VEGETABLE PRODUCTS, 510 S. Clinton St. Vi-Vi-Ta. Soy breakfast cracks (grits).

CANNERS OF GREEN VEGETABLE SOYBEANS

Milton, Del.—DRAPER CANNING CO.

Frederick, Md.—THOMAS & CO., 71 E. South St. Plants at Adamstown, Frederick and Gaithersburg, Md.

Rockland, Mass.—SOM TOY CHINESE FOOD PRODUCTS, INC., 65 Grove St.

Port Jervis, N. Y.—PORT JERVIS PACKING CO., INC., 71 Reservoir Ave.

Sidney, Ohio—ST. MARY'S PACKING CO. Factories at Noblesville, Ind.; Delphos, Morral, Mt. Sterling, St. Mary's and Van Wert, Ohio; and North Freedom, Wis.

SOYBEAN BLUE BOOK

Birdsboro, Pa.—MATTHEW M. STERNER.

Bloomsburg, Pa.—BLOOMSBURG PACKING CO., 840 Catherine St.

Hortonville, Wis.—FOX VALLEY CANNING CO.

CANNERS OF MATURE SOYBEANS

Mt. Vernon, Ohio—LOMA LINDA FOOD CO. Pack dry soybeans in tomato sauce.

COOKIES, CRACKERS, TOASTS AND WAFERS

Los Angeles, Calif.—CUBBISON CRACKER CO., 3419 Pasadena Ave. "Cub-bison's" soya toast, cookies and crackers.

Stockton, Calif.—TASTI-DIET FOODS, INC., Box 810. Manufactures special dietary foods. Baked goods.

New York, N. Y.—NATIONAL BISCUIT CO., 149 W. 14th St. "Cocktailers Crackers" and "Triangle Thins."

FROZEN DESSERTS

The following firms manufacture vegetable oils used in frozen desserts:

Wilmington, Calif.—VEGETABLE OIL PRODUCTS CO., INC., 401 Canal Ave., P. O. Box 248.

Chicago 9, Ill.—WILSON & CO., 41st St. and S. Ashland Ave. "Frosto."

Buffalo 5, N. Y.—SPENCER KELLOGG & SONS, INC.

New York 10, N. Y.—E. F. DREW & CO., INC., 15 E. 26th St. Plant at 416 Division St., Boonton, N. J.

Cleveland 14, Ohio—GLIDDEN CO., 1396 Union Commerce Bldg. Refineries at Berkeley, Calif.; Chicago, Ill.; Louisville, Ky.; Elmhurst, L. I., N. Y. "Kaola."

Columbus, Ohio—CAPITAL CITY PRODUCTS CO., 525 W. 1st Ave.

Sherman, Tex.—MRS. TUCKER'S PRODUCTS, div. of Anderson Clayton & Co., 1201 E. Pecan St. Also plant at Jacksonville, Ill. "Velvet."

HEALTH FOOD STORES, SUPPLY HOUSES

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Champaign, Ill.—COCHRAN HEALTH FOOD STORE, 504 S. Neil St. Retail only.

Chicago, Ill.—CHICAGO DIETETIC SUPPLY HOUSE, 1750 W. Van Buren St. "Cellu Soyamaisie," "Cellu Soy Flakes," "Cellu Soy Bean Wafers," "Cellu Soy Bean Spread," "Cellu Soy Nuts," and "Cellu Canned Green Soybeans."

Chicago 14, Ill.—WM. H. LEAHY CO., INC., 918 Armitage Ave. Wholesaler.

Camden 5, N. J.—BRILLIANT FOODS, P. O. Box 912 E. Camden Sta.

Syracuse, N. Y.—VEGETABLE PRODUCTS CO., 510 S. Clinton St. Health food distributors.

Olmsd Falls, Ohio—NATURAL FOODS, Handlers.



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RICHMOND, VIRGINIA

SOY FOODS—(Continued)

LECTITHIN

Chicago 39, Ill. — **GLIDDEN CO.**, soya products div., 1825 N. Laramie Ave.

Decatur, Ill. — **A. E. STALEY MFG. CO.**

Fort Wayne, Ind. — **CENTRAL SOYA CO., INC.**

Clinton, Iowa — **PILLSBURY MILLS, INC.**, 200 Wilson Bldg.

Minneapolis, Minn. — **GENERAL MILLS, INC.**, 700 General Mills Bldg.

New Brunswick, N. J. — **W. A. CLEARY CORP.** Also Chicago, Ill., and Belleville, Ont. Manufacture purified and crude soya lecithin.

New York 17, N. Y. — **ENCO CHEMICAL CORP.**, 441 Lexington Ave.

New York 4, N. Y. — **ROSS & ROWE, INC.**, 50 Broadway. Also Wrigley Bldg., Chicago 11, Ill.

New York 6, N. Y. — **SUPERIOR MATERIALS, INC.**, 120 Liberty Street. Soya lecithin.

Syracuse, N. Y. — **VEGETABLE PRODUCTS CO.**, 519 S. Clinton St. Lecithin paste and capsules.

Hamburg 1, Germany — **HANSA-MUHLE A. G.**, Spitalerstr. 12. "Hansa-Muhle Extra-Liquosa Special" lecithin.

Neuss/Rheln, Germany — **C. THYWISSEN, Oelfabrik.**

MACARONI, SPAGHETTI, NOODLES

Champaign, Ill. — **COCHRAN HEALTH FOOD STORE**, 504 S. Neil St. Handlers.

Cleveland, Ohio — **PPAFFMAN CO.**, 6919 Lorain Ave.

MEAT SUBSTITUTES

Arlington, Calif. — **LOMA LINDA FOOD CO.**

Champaign, Ill. — **COCHRAN HEALTH FOOD STORE**, 504 S. Neil St. Handlers.

Chicago 14, Ill. — **WM. H. LEAHY CO., INC.**, 918 Armitage Ave. Wholesale dist.

Olmsted Falls, Ohio — **NATURAL FOODS, HANDLERS.**

Madison College, Tenn. — **MADISON FOODS.**

PROTEIN SUPPLEMENT

Chicago 10, Ill. — **FEARN SOYA FOODS**, 355 W. Ontario St. "Irvin Johnson's" hi-protein food (food supplement).

Galesburg, Ill. — **GUNTHER PRODUCTS INC.**, 600 E. Main St. Vegetable proteins.

SALAD AND COOKING OILS, SHORTENING

Oakland 12, Calif. — **COLDSTREAM PRODUCTS CO.**, 405 14th St., Rm. 501. Plant at Dennison, Texas. Div. of Salem Commodities, Inc. "Royal Satin" shortening.

Wilmington, Calif. — **VEGETABLE OIL PRODUCTS CO., INC.**, 401 Canal Ave. Shortening, salad and cooking oil, flaked oils.

Savannah, Ga. — **SOUTHERN COTTON OIL CO.** Shortening.

Chicago 9, Ill. — **ARMOUR & CO.**, Union Stock Yards. Shortening and salad oil.

Chicago, Ill. — **SOUTHERN COTTON OIL CO.** Shortening.

Chicago 9, Ill. — **WILSON & CO., INC.**, 41st and Ashland Ave. Shortening, cooking and salad oil.

Decatur, Ill. — **A. E. STALEY MFG. CO.** Salad and cooking oil. "Edsoy."

Jacksonville, Ill. — **MRS. TUCKER'S PRODUCTS**, div. of Anderson, Clayton & Co., P. O. Box 368, RFD No. 6.

SOYBEAN BLUE BOOK

SOY FOODS—(Continued)

Gretna, La.—SOUTHERN COTTON OIL CO. Shortening.

Opelousas, La.—OPELOUSAS OIL REFINERY, 909 Railroad Ave. Affiliate of Cotton Products Co., Inc. Also operate Opelousas Oil Mill. Vegetable oil shortening and soybean salad oil.

Baltimore 3, Md.—WM. SCHLUDERBERG - T. J. KURDLE CO., 3800-4000 E. Baltimore St., P. O. Box 476. Shortening, cooking and salad oil.

Detroit 6, Mich.—SHEDD-BARTUSH FOODS, INC., 14401 Dexter Blvd. Also plants at Louisville 8, Ky.; Elgin, Ill.; Dallas, Tex.; Greenville, S. C. Shedd's old style dressing, Shedd's salad products.

St. Louis 7, Mo.—BLANTON CO., 3400 N. Wharf. Shortening, salad and cooking oils. Hydrogenated fats and oils.

Bayonne, N. J.—SOUTHERN COTTON OIL CO. Shortening.

Newark, N. J.—COLONIAL PACKING CORP., 174 Blanchard St. Other plants Italian Cook Oil Corp. and Pem Sales Co., Inc. Mayonnaise, salad dressing and French dressing.

Buffalo, N. Y.—SPENCER KELLOGG & SONS, INC., 98 Delaware Ave. "Spensoy" salad oil; "Kelko," "Kel-Exo," "Kel-Kake" and "Kel-Fry" shortenings.

New York 17, N. Y.—BEST FOODS, INC., 1 E. 43rd St. Plants at Bayonne, N. J.; Chicago, Ill.; Dallas, Tex.; and San Francisco, Calif. "VEO" shortening.

New York 10, N. Y.—E. F. DREW & CO., INC., 15 E. 26th St. Shortening and salad oil.

New York 22, N. Y.—LEVER BROS. CO., 390 Park Ave. Shortening.

Cincinnati, Ohio—PROCTER & GAMBLE CO., Gwynne Bldg. Shortening.

Columbus 34, Ohio—CAPITAL CITY PRODUCTS CO., 525 W. 1st Ave. Shortening.

Oklahoma City, Okla.—WILSON & CO., INC., P. O. Box 1905. Standard and hydrogenated shortening, cooking and salad oils.

Chattanooga, Tenn.—WILSON & CO., INC. Shortening, cooking and salad oils.

Memphis 8, Tenn.—CUDAHY PACKING CO., 2800 Chelsea Ave. Other plants Omaha, Denver, Los Angeles. Shortening and salad oil.

Memphis, Tenn.—HUMKO CO., 1702 N. Thomas St. Hydrogenated vegetable shortening, salad oil.

Memphis, Tenn.—SOUTHERN COTTON OIL CO. Shortening.

Sherman, Tex.—MRS. TUCKER'S PRODUCTS div. of Anderson, Clayton & Co., 1231 E. Pecan St.

Cudahy, Wis.—CUDAHY BROS. CO. Salad oil and shortening.

W. Toronto 9, Ont., Canada—CANADA PACKERS LTD. Plants also located at Montreal, Winnipeg, Edmonton and Vancouver. Lard compound and salad oil.

Toronto, Ont., Canada—LEVER BROS. LTD., 299 Eastern Ave. Shortening.

SARDINE PACKING

Eastport, Maine—HOLMES PACKING CORP., 7 Madison St. Plant also at Rockland, Maine. Soybean oil used as packing medium in sardines.

SOYBEAN BLUE BOOK



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Wrigley Bldg., Chicago 11, Ill.

SOY FOODS—(Continued)

SAUSAGE BINDERS

Chicago 12, Ill.—CUSTOM FOOD PRODUCTS, INC., 701-709 N. Western Ave. Sausage and loaf binders for sausage trade. Hamburger and loaf seasonings and binders for institutional trade.

Chicago 39, Ill.—GLIDDEN CO., soya products div., 1825 N. Laramie Ave.

Decatur, Ill.—SPENCER KELLOGG & SONS, INC. Binders for sausage making and for canned dog food—"Special X" low-fat soy flour, "Meitone" low-fat soy grits, "Kel-Sovsoy" defatted soy flour and grits.

Decatur, Ill.—A. E. STALEY MFG. CO. Meat packers soy flour and soy grits. "Staley's Congealing Binder."

SEASONINGS

Chicago, Ill.—JOHN SEXTON & CO., Sexton Square. Other plants at Long Island City, Boston, Philadelphia, Pittsburgh, Detroit, Atlanta, Dallas, San Francisco. "Magic" seasoning.

Camden 5, N. J.—BRILLIANT FOODS, P. O. Box 912 E. Camden Sta.

SOUPS

Camden 5, N. J.—BRILLIANT FOODS, P. O. Box 912 E. Camden Sta.

SOYBEAN OIL

Newark, N. J.—COLONIAL PACKING CORP., 174 Blanchard St. Other plants, Italian Cook Oil Corp. and Pem Sales Co., Inc. Edible oils.

Syracuse, N. Y.—VEGETABLE PRODUCTS CO., 510 S. Clinton St.

Cincinnati, Ohio—PROCTER & GAMBLE CO., Gwynne Bldg. Edible oils.

Columbus 34, Ohio—CAPITAL CITY PRODUCTS CO., 525 W. 1st Ave. Edible oil.

Philadelphia, Pa.—C. F. SIMONIN'S SONS, Tioga and Belgrade Sts. Edible oil refiners.

SOYBEANS FOR COOKING AND SPROUTING

Los Angeles, Calif.—ORIENTAL FOODS, INC., 4100 S. Broadway.

Hudson, Iowa—STRAYER SEED FARMS.

Camden 5, N. J.—BRILLIANT FOODS, P. O. Box 912 E. Camden Sta.

SOY BUTTER

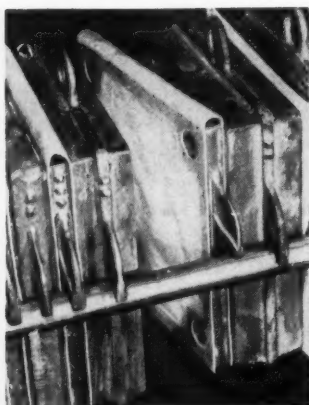
Detroit 6, Mich.—SHEDD-BARTUSH FOODS, INC., 14401 Dexter Blvd. Manufactures "Willow Run" soy spread.

Muskegon, Mich.—LO HI FOOD SCHOOL, 618 Adams Ave. "New Food."

SOY FLOUR, FLAKES AND GRITS

Alhambra, Calif.—EL MOLINO MILLS, 3072 W. Valley Blvd. Grits, meal, flour, powder.

Arlington, Calif.—LOMA LINDA FOOD CO. Packers and distributors of soy flour.



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SOY FOODS—(Continued)

Chicago 10, Ill.—FEARN SOYA FOODS, 355 W. Ontario St. "Dr. Fearn's" unbleached wheat flour and soya; also soy grits.

Chicago 39, Ill.—GLIDDEN CO., soya products division, 1825 N. Laramie Ave. Full-fat, low-fat and defatted soy flours, flakes and grits.

Chicago, Ill.—GRIFFITH LABORATORIES, 1415 W. 37th St. Flour. Grits.

Decatur, Ill.—SPENCER KELLOGG & SONS, INC. Full-fat, low-fat and defatted flour; low-fat and defatted grits.

Decatur, Ill.—A. E. STALEY MFG. CO. Extracted hi-fat and lo-fat flour. Grits. Flakes.

Des Moines 9, Iowa—SOY PRODUCTS CO., 7 1/2 St. Soy flour.

Battle Creek, Mich.—BATTLE CREEK FOOD CO. Soya flakes with gluten, soy flour, 2-lb. and 5-lb. bags.

Bloomington, Minn.—FARMERS CO-OP ELEVATOR ASSN., soybean processing div. "Prairie" 44% toasted soy flakes.

Minneapolis 2, Minn.—ARCHER-DANIELS-MIDLAND CO., 600 Roanoke Bldg. Soy flour, soy grits, "ADM" soybean brew flakes.

Minneapolis 2, Minn.—PILLSBURY MILLS, INC., 600 Pillsbury Bldg., feed and soy div. Bakery and family flour.

Syracuse, N. Y.—VEGETABLE PRODUCTS CO., 510 S. Clinton St. "Vi-Vi-Ta" soy flour, hi-fat; soy flakes.

Brockville, Ont., Canada—MACDOWELL BROS. Plant also at Ogdensburg, N. Y. Soybean flour specially processed for diabetics.

Toronto, Ont., Canada—VICTORY MILLS, LTD., 285 Fleet St. E. "Indosoy," industrial soy flour; "Soywhite," fat-free flour.

London, E.C.3, England—SOYA FOODS LTD., 40 St. Mary Axe. Plant at Cardiff. Affiliate of Spillers Ltd. "Soyolk," full-fat processed soya flour.

SOY FLOUR MIXES

Chicago 10, Ill.—FEARN SOYA FOODS, 355 W. Ontario St. "Dr. Fearn's Soy-O" wholewheat pancake flour; also unbleached white flour and soy pancake flour.

Chicago 3, Ill.—GOLDEN MIX, INC., 105 W. Monroe St. "Golden Mix" for griddle cakes, waffles, breading and frying batter.

Minneapolis 2, Minn.—PILLSBURY MILLS, INC., 600 Pillsbury Bldg., feed and soy div.

Red Wing, Minn.—SPECIAL FOODS CO. Bread mix. Concentrates for bakers.

Red Wing, Minn.—STURDIWHEAT CO., Citizens Fund Bldg. Plant, 970 Raymond Ave., St. Paul. "V-932" special protein bread mix.

London, E.C.3, England—SOYA FOODS LTD., 40 St. Mary Axe. Plant at Cardiff. Affiliate of Spillers Ltd. "Soylac," spray-dried mixture of "Soyolk" and cereal flour.

SOY MILK

Champaign, Ill.—COCHRAN HEALTH FOOD STORE, 504 S. Neil St. Handlers.

Chicago, Ill.—CHICAGO DIETETIC SUPPLY HOUSE, 1750 W. Van Buren St. Canned soy milk.

Chicago 10, Ill.—FEARN SOYA FOODS, 355 W. Ontario St. "Dr. Fearn's" pure soy powder for making soy milk.

Battle Creek, Mich.—BATTLE CREEK FOOD CO. "Soy Acidophilus."

Muskegon, Mich.—LO HI FOOD SCHOOL, 618 Adams Ave. "Lo Hi" milk.

Camden 5, N. J.—BRILLIANT FOODS, P. O. Box 912 E. Camden Sta. Malted milk.

Syracuse, N. Y.—VEGETABLE PRODUCTS CO., 510 S. Clinton St.

Mt. Vernon, Ohio—LOMA LINDA FOOD CO. Powdered and liquid soy milk.

Olmsted Falls, Ohio—NATURAL FOODS. Dried and liquid.

London, W.1, England—SOYA & PROTEIN PRODUCTS LTD., 8/9 Great Pulteney Str., Piccadilly. "Neolac" milk powders.

SOY SAUCE

Glendale, Ariz.—SHOWA SHOYU BREWING CORP., P. O. Box 246.

Arlington, Calif.—LOMA LINDA FOOD CO.

Los Angeles, Calif.—ORIENTAL FOODS, INC., 4100 S. Broadway.

Chicago, Ill.—GREAT CHINA FOOD PRODUCTS CO., 2520-58 S. State St.

Chicago, Ill.—JOHN SEXTON & CO., Sexton Square. Other plants at Long Island City, Boston, Philadelphia, Pittsburgh, Detroit, Atlanta, Dallas, San Francisco. Chop suey, sirloin club, mushroom and smoke house sauces.

Columbia City, Ind.—ORIENTAL SHOW-YOU CO., INC.

Archbold, Ohio—LACHOY FOOD PRODUCTS, div. Beatrice Foods Co.

SPROUTS

Columbia City, Ind.—ORIENTAL SHOW-YOU CO., INC. Mung bean sprouts.

TOPPINGS

Buffalo, N. Y.—RICH PRODUCTS CORP. "Whip Topping."

VITAMINS

Azusa, Calif.—W.H.Y. & KEVO PRODUCTS CO., LTD. Subsidiary of G. M. Bartlett Co. "Kevo-etts" soy food products.

WHIPPING AGENTS

Chicago 39, Ill.—GLIDDEN CO., soya products div., 1825 N. Laramie Ave.

Chicago, Ill.—JOHN SEXTON & CO., Sexton Square. Other plants at Long Island City, Boston, Philadelphia, Pittsburgh, Detroit, Atlanta, Dallas, San Francisco. "Whip" powder.

Galesburg, Ill.—GUNTHER PRODUCTS INC., 600 E. Main St. Manufacture vegetable proteins and derivatives.

Minneapolis 2, Minn.—ARCHER-DANIELS-MIDLAND CO., soya products div., 600 Roanoke Bldg. "Nutriwhip."

New Brunswick, N. J.—W. A. CLEARY CORP. Also Chicago, Ill.; Belleville, Ont.

New York, N. Y.—WHITSON PRODUCTS, div. of Borden Co., 350 Madison Ave. P. 973 "Soyco."

London, W.1, England—SOYA & PROTEIN PRODUCTS LTD., 8/9 Great Pulteney St., Piccadilly. Manufactures "Hi-wip," vegetable albumen.

MANUFACTURERS OF MARGARINE

ALABAMA

Sunnyland Refining Co., 3330 10th Ave., N. Birmingham.

ARKANSAS

Osceola Foods, Inc., P. O. Box 232, Osceola.

CALIFORNIA

Best Foods, Inc., 1890 Bryant St., San Francisco.

Cudahy Packing Co., 803 Macy St., Los Angeles 54.

Glidden Co., d.b.a. Durkee Famous Foods, 2900 5th St., Berkeley 2.

Kraft Foods Co., 5657 E. Slauson Ave., Los Angeles.

Standard Brands, Inc., 921 98th Ave., Oakland.

C. A. Swanson & Sons, 1375 Sansome St., San Francisco.

Swift & Co., 3750 Jewel Ave., Los Angeles.

Vegetable Oil Products Co., Inc., 401 Canal Ave., Wilmington.

Wilson & Co., Inc., 960 N. Vignes St., Los Angeles.

GEORGIA

Glidden Co., d.b.a. Durkee Famous Foods, New Mead Highway and San Carlos Dr., Macon.

Kraft Foods Co., 890 Memorial Dr. S.E., Atlanta.

Mar-Gold Corp., 1495 Pryor St. S.W., Atlanta.

Southeastern Margarine Co., Inc., 226 S. Madison St., Thomasville.

Southern Harvest, Inc., 334 Smith Ave., Thomasville.

Standard Brands, Inc., margarine div., 1630 Huber St. N. W., Atlanta.

Swift & Company, 566 Wells St. S. W., Atlanta.

ILLINOIS

Armour & Co., Union Stock Yards, Chicago 9.

Best Foods, Inc., 2816 S. Kilbourn Ave., Chicago.

Cudahy Packing Co., 91st and Baltimore St., Chicago.

Friedman Mfg. Co., Union Stock Yards, Chicago 9.

Glidden Co., d.b.a. Durkee Famous Foods, 3702 S. Iron St., Chicago.

Kraft Foods Co., 500 Peshtigo Ct., Chicago 90.

Shedd-Bartush Foods, Inc., 51 N. State St., Elgin.

Swift & Co., Union Stock Yards, Chicago 9.

Wilson & Co., Inc., 4100 S. Ashland Ave., Chicago 9.

INDIANA

Lever Bros., Jelke Good Luck Products, Hammond.

Standard Brands, Inc., 1102 Roosevelt Ave., Indianapolis.

LOUISIANA

Blue Plate Foods, Inc., 1315 S. Jefferson Davis Parkway, New Orleans.

MARYLAND

J. H. Filbert, Inc., 3701 Harkins Rd., Baltimore 29.

MICHIGAN

Shedd-Bartush Foods Inc., 14401 Dexter Blvd., Detroit 6.

MISSOURI

Blanton Co., 3400 N. Wharf, St. Louis 7.

Carthage Creamery Co., Carthage.

Kent Products, Inc., 612 Broadway, Kansas City 6.

NEBRASKA

C. A. Swanson & Sons, 214 N. 10th St., Omaha.

NEW JERSEY

Armstrong Packing Co., div. of Swift & Co., 154 9th St., Jersey City.

Best Foods, Inc., 99 Ave. A, Bayonne.

E. F. Drew & Co., Inc., 416 Division St., Boonton.

Kraft Foods Co., 31 Evans Terminal, Hillside.

Lever Bros., Jelke Good Luck Products, Edgewater.

Swift & Co., 154 9th St., Jersey City.

OHIO

Capital City Products Co., 1st and Perry Sts., Columbus.

Churngold Corp., 50 Walnut St., Cincinnati.

Glidden Co., d.b.a. Durkee Famous Foods, St. Mary's and Ontario Sts., Norwalk.

Miami Margarine Co., 107 E. Pearl St., Cincinnati.

OKLAHOMA

Wilson & Co., Inc., P. O. Box 1905, Oklahoma City.

SOUTH CAROLINA

Shedd-Bartush Foods, Inc., New Buncombe Rd., Greenville.

TENNESSEE

Armour & Co., 4608 Kirkland Ave., Chattanooga.

Cudahy Packing Co., 2800 Chelsea Ave., Memphis.

TEXAS

Armour Creameries, Inc., Collier & Son, Inc., joint ventures, d.b.a. Collier Industries, 416-500 E. 9th St., Fort Worth.

Best Foods, Inc., 701 Bellevue St., Dallas.

Kraft Foods Co., Belt Line Rd., Garland.

Salem Commodities, Inc., d.b.a. Coldstream Products Co., 1406 W. Washington St., Denison.

Shedd-Bartush Foods, Inc., 1729 Irving Blvd., Dallas.

Standard Brands, Inc., 916 S. Harwood St., Dallas.

Swift & Co., Stock Yards Sta., Fort Worth.

Mrs. Tucker's Foods, Inc., 1201 E. Pecon St., Sherman.

CANADA

Canada Packers Ltd., W. Toronto 9, Ontario.

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COATED FABRICS, LEATHER DRESSING

Chicago 39, Ill.—GLIDDEN CO., soya products div., 1825 N. Laramie Ave. "Alpha" protein for linoleum and textile coverings; leather top-finishes; rubber latex dispersion and tire cord sizing; printing and drawing inks; and sealing compounds. "Prosein" and "Prosoy F-SG" for linoleum and textile coverings, emulsions and plaster. "Mulsoya," water soluble derivative of isolated soybean proteins, for textile size.

Decatur, Ill.—SPENCER KELLOGG & SONS, INC. "Kelkote" pulverized commercial soy protein for protective coatings, linoleum, water emulsion paint finishes. Leather dressing.

Louisville, Ky.—BUCKEYE COTTON OIL CO. Isolated protein for use in beater sizing, leather dressing.

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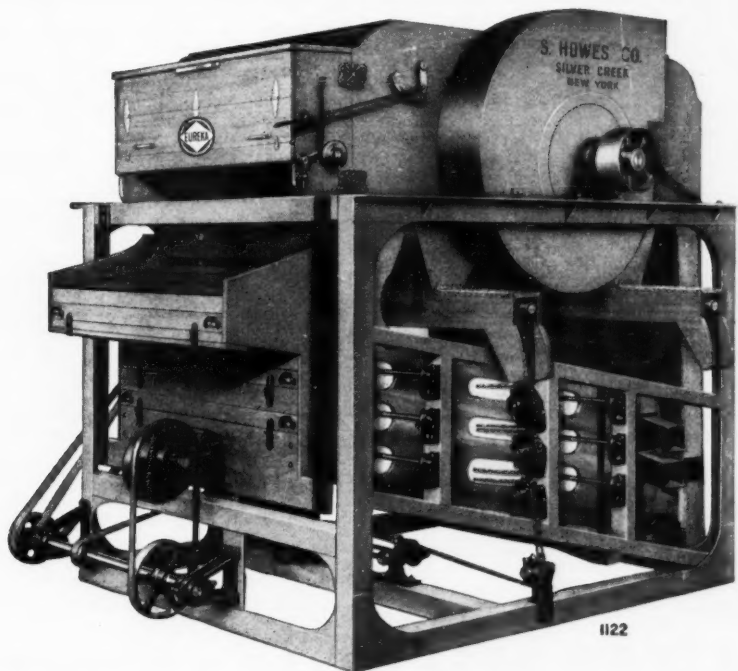
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New York 17, N. Y.—R. S. ARIES & ASSOCIATES, 400 Madison Ave.

New York 6, N. Y.—FOSTER WHEELER CORP., 165 Broadway.

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Memphis, Tenn.—N. HUNT MOORE, 1206 Sledge Ave. Consulting engineer on solvent extraction of soybeans.

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Aurora, Ill.—STEPHENS - ADAMSON MFG. CO. Also offices at Los Angeles, St. Louis, New York and Chicago. Bulk material handling engineering service.

Chicago 35, Ill.—MATERIALS HANDLING EQUIPMENT CO., 2619 N. Normandy Ave. Engineering and manufacturing of complete conveying systems for processing plants.

Chicago 15, Ill.—WURSTER & SANGER INC., 1337 E. 52nd St. Mill construction engineering services.

Fort Wayne, Ind.—PAUL BERG, 438 Utility Bldg. Consulting engineer specializing in design of feed mills and soybean processing plants.

Indianapolis, Ind.—CONSTRUCTION MANAGEMENT, INC., 1542 W. Washington. Complete engineering and construction of turnkey installations.

Enterprise, Kans.—J. B. EHRSAM & SONS MFG. CO. Planning of machinery required for elevators, mills and food or feed processing plants.

Hutchinson, Kans.—CHALMERS & BORTON, Hoke Bldg. Design and construction of grain storage and handling.

Louisville 1, Ky.—GIRDLER CORP., vibrator div., 224 E. Broadway. Engineering service to the refiner and manufacturer of finished food products.

Alma, Mich.—CRIPPEN MFG. CO., 759 Virginia St. Engineering service for plant layout and flow; installation and operation pertaining to cleaning and grading of soybeans.

Minneapolis, Minn.—MILLERS MECHANICAL SERVICE, P. O. Box 656, Midland Bank Bldg. Machinery and equipment installation and erection. On-site repairs and alterations for expansion and modernization.

St. Paul 14, Minn.—GEORGE LLOYD LEVIN, 2395 University Ave. Engineering and design of solvent extraction plants, feed mills, grain elevators and facilities relating thereto.

St. Paul 8, Minn.—PAPER-CALMENSON & CO., County Rd. B. and Walnut Sts. Metallurgical engineering of abrasive resistant parts.

Kansas City 6, Mo.—HORNER & WYATT, 516 Dwight Bldg. Design and supervision of soybean Expeller plants and storage elevators.

St. Louis 3, Mo.—R. W. BOOKER & ASSOCIATES, 1722 Olive St. Design and construction of soybean processing plants.

East Orange, N. J.—OTTO H. YORK CO., INC., 69 Glenwood Place. Engineering and equipment design involving liquid-liquid extraction equipment.

Piqua, Ohio—HARTZELL PROPELLER FAN CO., P. O. Box 999. Design and engineering services for drying and conditioning soybeans.

Mertztown, Pa.—ATLAS MINERAL PRODUCTS CO. Also at Houston, Tex. Engineering services associated with problems involving corrosion or solvent resistance in the soybean industry.

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Memphis, Tenn.—LEWIS SUPPLY CO., 477 S. Main St. Complete transmission and materials handling engineering.

Memphis, Tenn.—SOUTHLAND ENGINEERING & SUPPLY CO., 208-B S. Cleveland. Plant at 92 W. Carolina. Design soybean aeration systems, conveying and elevating systems, soybean receiving and shipping plants complete.

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Hubbard Woods, Ill.—H. L. RACLIN & SONS, INC., 929 Linden Ave. Vegetable oils.

South Kearney, N. J.—LOUIS STERN SONS, INC., 4th St. and Hackensack Ave. Office 2 Broadway, New York City. Drum soybean oil for export and delivery to piers. Bulk oil for export shipments.

New York 4, N. Y.—N. V. V. FEED CORP., N. Y. Produce Exch., 2 Broadway. Exporters and importers of oilcake, oil meals, and other protein feeds.

Memphis 1, Tenn.—BRODEE CORP., 1012 Falls Bldg. Soybean, cottonseed and peanut meal.

Memphis, Tenn.—L. P. COOK & SON, INC., 1050 Texas St. Processors and shippers for export.

Seattle 4, Wash.—JENSEN-McLEAN CO., INC., 25th Floor Smith Tower. Also Fukoku Bldg., Tokyo, Japan.

Paris 10, France—J. E. WITTERIED, 42 rue de L'Echiquier. Cable address Witteriedlw, Paris; phone Taithout 54-44. Margarine, chocolate, paint, varnish, lecithin

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Chicago, Ill.—CHICAGO BOARD OF TRADE, Board of Trade Bldg. Soybean, crude soybean oil and soybean oil meal futures. Secy., E. B. Harris.

New York, N. Y.—NEW YORK PRODUCE EXCHANGE. Soybean oil and cottonseed oil futures. Exec. Secy., C. R. Berg.

Memphis, Tenn.—MEMPHIS MERCHANTS EXCHANGE. Cottonseed and soybean oil meal futures. Exec. Vice Pres., A. A. Williams.

MARKET SERVICE

Atlanta 1, Ga.—MARKET ADVISORY BUREAU, 147 Edgewood Ave., P. O. Box 2106. Buying and selling advice on soybeans, other grains and stocks.

St. Louis 8, Mo.—DOANE AGRICULTURAL SERVICE, INC., Box 8, 5142 Delmar Blvd.

MILL CONSTRUCTION CONTRACTORS

Chicago 8, Ill.—INDUSTRIAL ERECTORS, INC., 1316 W. Cermak Rd. Erector of soybean processing equipment and machinery including conveyors.

Chicago, Ill.—JAMES STEWART CORP., 228 N. La Salle St. Designer and builder of feed mills, elevators and extraction plants.

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Fort Wayne, Ind. — **MILL ENGINEERING CO.**, 717 Kinnaird Ave. Designs and manufactures special machinery required for the milling industry.

Sioux City, Iowa — **YOUNGLOVE CONSTRUCTION CO.**, 2015 E. 7th St. Construction of soybean plants; and equipment installation.

Minneapolis, Minn. — **HOGENSON CONSTRUCTION CO.**, 622 Flour Exch. Designer and builder of processing plants.

Kansas City, Mo. — **JONES-HETTELSATER CONSTRUCTION CO.**, 1911 Baltimore Ave.

Omaha, Nebr. — **RYAN CONSTRUCTION CO.**, 2606 Taylor St.

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Kansas City, Mo. — **GENERAL MILL EQUIPMENT CO.**, 2021 Pennsylvania Ave. Roll corrugating.

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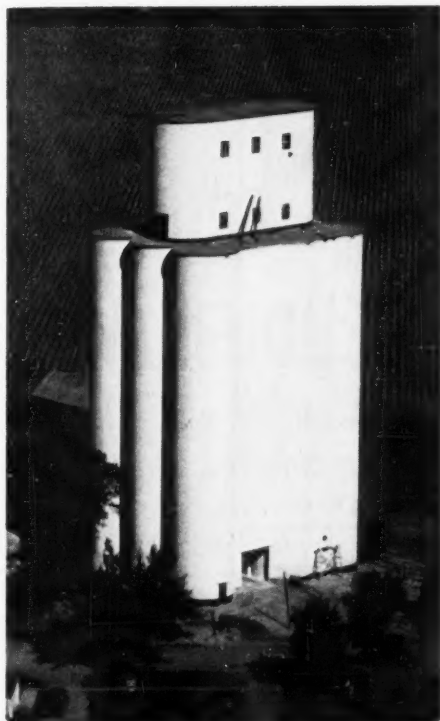
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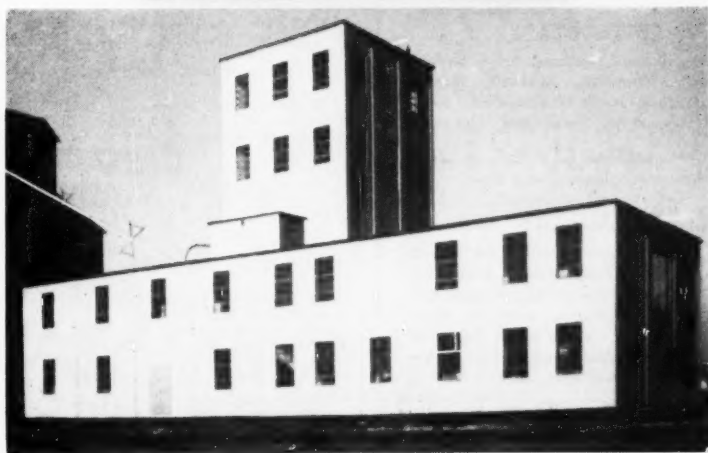
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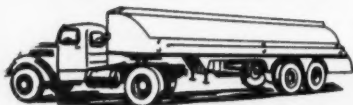
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Chicago 10, Ill.—UNION SPECIAL MACHINE CO., 400 N. Franklin St. Bag closers.

Evanston, Ill. — BURROWS EQUIPMENT CO., 1316-7 Sherman Ave. Bag tags, cleaners, closers.

Huntington, Ind.—HUNTINGTON LABORATORIES, INC. Bag cleaners.

Minneapolis 13, Minn.—DAY CO., 810 3rd Ave. N.E. Bag cleaners.

Minneapolis 3, Minn.—DAVE FISCHBEIN CO., 38 Glenwood Ave. Bag closers.

Minneapolis, Minn. — MINNEAPOLIS SEWING MACHINE CO.

Thief River Falls, Minn.—FRED FORSBERG & SONS, INC. Bag cleaners.

Clifton, N. J.—RICHARDSON SCALE CO., 668 Van Houten Ave. Bag packers.

New York, N. Y.—WILLCOX & GIBBS SEWING MACHINE CO., 214 W. 39th St. Plant at Nyack, N. Y. Filled bag closing machines.

Silver Creek, N. Y.—S. HOWES CO., INC. Bag packers.

Springfield, Ohio — DUPLEX MILL & MFG. CO. Bag cleaners.

Muncy, Pa.—SPROUT, WALDRON & CO., INC. Sack cleaners.

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Chicago 8, Ill.—ARCO BAG CO., 2423 W. 14th St. Burlap and cotton bags.

Chicago 6, Ill.—CHASE BAG CO., 309 W. Jackson Blvd. Paper, burlap and cotton bags.

Chicago 8, Ill.—RITTER BAG CO., 1447 Blue Island Ave. Complete line of new and secondhand burlap and cotton bags for the soybean industry.

Chicago 9, Ill.—WESTERN BURLAP BAG CO., 1101 W. 38th St. Cotton and burlap bags. Manufacturer of new and "Nu-Seme" bags. Processor of used bags. Specialists in serving the soybean industry.

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Des Moines, Iowa—MIDWEST BURLAP & BAG CO., 213 3rd St. Also offices in Westville, Ill., Minneapolis, Minn.; Kansas City, Mo. Manufacturer of new burlap and cotton bags; processor and converter of used burlap and cotton bags.

New Orleans 7, La.—MENTE & CO., INC., Box 699. Offices in Houston, Savannah, New York, and Chicago. New and used burlap and cotton bags. Burlap, bagging, twine.

Minneapolis, Minn.—AMERICAN BAG CO., 112 3rd Ave. N. Also operates Nebraska Bag Co., Omaha. Cotton and burlap bags; bag printing.

Minneapolis 14, Minn.—SAM MILLER BAG CO., 861-871 E. Hennepin. Manufactures new burlap and cotton bags; reconditions used burlap and cotton bags for soybean oil meal.

St. Paul 4, Minn.—BEEDLE-WHITON CO., 470 Cleveland Ave. N. Manufactures burlap, cotton and paper bags for soybeans and soybean oil meal; reconditions used cotton and burlap bags.

Kansas City 7, Mo.—CENTRAL BAG CO., 1323-31 W. 13th St. New and second-hand bags.

Kansas City, Mo.—PERCY KENT BAG CO. Offices in Buffalo, New York, Minneapolis, Oklahoma City. Cotton and burlap bags.

St. Louis 2, Mo.—BEMIS BRO. BAG CO., 408 Pine St., Box 68. Offices in principal cities. Cotton, burlap, waterproof paper-lined textile and multiwall paper shipping sacks; cellophane bags.

St. Louis 6, Mo.—MISSOURI BAG CO., 1206-1214 N. 1st St. New burlap and cotton bags. Processor and handler of used bags.

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Brooklyn, N. Y.—BURROS BAG CO., INC., 135 Plymouth St. Burlap and cotton bags, bagging and burlap.

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New York 20, N. Y.—KRAFT BAG CORP., 630 5th Ave. Also at Chicago 6, St. Marys, Ga.; Gilman, Vt. Subsidiary of Gilman Paper Co. Heavy-duty multiwall shipping sacks of various types and sizes.

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Middletown, Ohio—RAYMOND BAG CO., Tytus Ave. and Enoch Dr. Multiwall paper shipping sacks.

Philadelphia, Pa.—BELMONT BURLAP BAG CO., 2719 N. Edgemont St. Burlap and cotton bags for packing soybeans.

Memphis 12, Tenn.—CROWN BAG CO., 2686 Harvard St. Cotton and burlap bags.

Memphis 2, Tenn.—LANGSTON BAG CO., 136 E. Webster St. Manufacturer of new and used cotton and burlap bags.

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Denver 17, Colo.—GATES RUBBER CO., 999 S. Broadway. V-belts.

Chicago 23, Ill.—IMPERIAL BELTING CO., 1750-1800 S. Kilbourn Ave. Manufactures canvas stitched conveyor and elevator belting.

Chicago 9, Ill.—LINK-BELT CO. Also at Indianapolis, Philadelphia and Colmar, Pa., Atlanta, Dallas, Minneapolis, San Francisco, Los Angeles, Seattle, Toronto. Conveyor belting.

Evanston, Ill.—BURROWS EQUIPMENT CO., 1316-7 Sherman Ave.

Peoria, Ill.—PAUL J. HAGERTY EQUIPMENT CO., 800 S. Adams St. Transmission, elevating and conveyor belting. V-belts and sheaves.

Mishawaka, Ind.—DODGE MFG. CORP. V-belts, drives and sheaves.

Cedar Rapids, Iowa—J. C. KINTZ CO., 1737 B Ave. N.E.

Worcester, Mass.—GRATON & KNIGHT CO., 348 Franklin St. Also Chicago, Dallas, Detroit, Kansas City, St. Louis, New York, Philadelphia, San Francisco. Transmission leather belting, belting cements, belt dressings, belt lacing.

Minneapolis, Minn.—R. R. HOWELL CO. Bucket belts.

Kansas City, Mo.—GENERAL MILL EQUIPMENT CO., 2021 Pennsylvania Ave. Belting, V-belt and chain-belt drives.

Omaha, Nebr.—PURITAN MFG. CO., 1931 N. 11th St. Leather, rubber and cotton belting.

Buffalo 7, N. Y.—BUFFALO WEAVING & BELTING CO., 260 Chandler St. Conveyor belting.

Buffalo 6, N. Y.—GLOBE WOVEN BELTING CO., INC., 1400 Clinton St. Conveyor belting; solid woven white cotton and stitched canvas treated for special use in the soybean industry. Also white neoprene rubber-covered and brown neoprene friction surface belting.

New York 7, N. Y.—CARLYLE RUBBER CO., INC., 64 Park Place. Conveyor, elevator and power transmission belting.

New York 7, N. Y.—VICTOR BALATA & TEXTILE BELTING CO., 53 Park Place. Also 300 W. Hubbard St., Chicago 10. Plant at Easton, Pa. Solid-woven, canvas-stitched, neoprene-treated and balata types of conveyor, elevator and transmission belting.

Youngstown 1, Ohio—REPUBLIC RUBBER DIV., Lee Tire & Rubber Co., Albert St. "Reprene" transmission, conveyor and elevator belting.

Memphis, Tenn.—LEWIS SUPPLY CO., 477 S. Main St.

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CATALYSTS

Los Angeles 17, Calif. — **FILTROL CORP.**, 727 W. 7th St. Plants at Vernon, Calif.; Jackson, Miss.; Salt Lake City, Utah. Cracking catalysts.

Seymour, Conn. — **RUFERT CHEMICAL CO.** Affiliate of Seymour Mfg. Co. Manufactures Rufert nickel catalysts.

Chicago, Ill. — **SIECK & DRUCKER, INC.**, 9 S. Clinton St.

Chicago 15, Ill. — **WURSTER & SANGER, INC.**, 1337 E. 52nd St.

New York, N. Y. — **E. F. DREW & CO., INC.**, 15 E. 26th St.

Cleveland 6, Ohio — **HARSHAW CHEMICAL CO.**, 1945 E. 97th St.

Chattanooga, Tenn. — **RANEY CATALYST CO.**, 714 Hamilton National Bank Bldg.

CHAINS

Fresno, Calif. — **VALLEY FOUNDRY & MACHINE WORKS, INC.**, 2718 East Ave.

Chicago 9, Ill. — **LINK-BELT CO.** Also at Indianapolis, Philadelphia and Colmar, Pa., Atlanta, Houston, Minneapolis, San Francisco, Los Angeles, Seattle, Toronto.

Peoria, Ill. — **PAUL J. HAGERTY EQUIPMENT CO.**, 800 S. Adams St. Roller chain and sprockets.

Omaha 2, Nebr. — **PURITAN MFG. CO.**, 1931 N. 11th St. Roller chain with sprockets.

Columbus 16, Ohio — **JEFFREY MFG. CO.**, 799 N. 4th St. All types and sizes of chains.

Memphis, Tenn. — **LEWIS SUPPLY CO.**, 477 S. Main St.

CHEMICAL APPARATUS

Oreland, Pa. — **ACME COPPERSMITHING & MACHINE CO.** Chemical plant apparatus.

CHEMICALS

Ringwood, Ill. — **EDWAL LABORATORIES.** Manufactures and sells bulk fine organic chemicals.

Richmond, Va. — **VIRGINIA-CAROLINA CHEMICAL CORP.**, 401 E. Main St.

Marinette, Wis. — **ANSUL CHEMICAL CO.** Liquid sulfur dioxide. Dry chemical fire extinguishers.

CONVEYORS, ELEVATORS

Birmingham, Ala. — **CONTINENTAL GIN CO.**, Industrial div. Offices at Atlanta, Dallas, Memphis, and New York City. Belt, screw, chain-flight conveyors; bucket screw elevators.

Birmingham, Ala. — **SOUTHEASTERN PRODUCTS CORP.**, 1401-03 Lomb Ave., P. O. Box 2310. Portable seed conveyors. "Sepco" seed loader. "Sepco" mechanical packings. Cut gaskets of all types.

Fresno, Calif. — **VALLEY FOUNDRY & MACHINE WORKS, INC.**, 2718 East Ave.

San Francisco 7, Calif. — **SHANZER MFG. CO.**, 85 Bluxome St. Screw conveyors. "Max-I-Pacity" hi-speed bucket elevators.

Macon, Ga. — **EDWARDS PRODUCTS CO.**, 206 Persons Bldg. Portable conveying equipment for handling soybeans.

Aurora, Ill. — **STEPHENS-ADAMSON MFG. CO.** Also offices in Los Angeles, St. Louis, New York and Chicago. Plants at Aurora, Los Angeles and Belleville, Ont. Conveyors and elevators.

Chicago 50, Ill. — **B. F. GUMP CO.**, 1325 S. Cicero Ave.

Chicago 9, Ill. — **LINK-BELT CO.** Also at Indianapolis, Philadelphia and Colmar, Pa., Atlanta, Houston, Minneapolis, San Francisco, Los Angeles, Seattle, Toronto. Conveyors and elevators of all types.

Chicago 35, Ill. — **MATERIALS HANDLING EQUIPMENT CO.**, 2619 N. Normandy Ave. Marine elevator legs, screw conveyors, bucket elevators, en masse type "Uni-Flo" elevator conveyor, special feeders and special processing machinery.

Chicago 50, Ill. — **PRATER PULVERIZER CO.**, 1517-49 S. Court. Conveyors and elevators.

Chicago 6, Ill. — **SEEDBURO EQUIPMENT CO.**, 794 Converse Bldg.

Chicago 4, Ill. — **B. I. WELLER CO.**, 327 S. La Salle. Screw conveyor and trough.

Decatur, Ill. — **HUSS & SCHIEPER**, 714 N. Church St., P. O. Box 862. Chain and belt bucket elevators—vertical-type; belt and screw conveyors.

Evanston, Ill. — **BURROWS EQUIPMENT CO.**, 1316-7 Sherman Ave.

Jerseyville, Ill. — **BAUGHMAN MFG. CO., INC.**, 1 Shipman Rd. Portable and stationary belt and screw conveyors. Belt and bucket elevators. Self-unloading and elevating material bodies.

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SOYBEAN BLUE BOOK

CONVEYORS, ELEVATORS—(Continued)

Peoria, Ill. — **PAUL J. HAGERTY EQUIPMENT CO.**, 800 S. Adams St. Screw conveyor and accessories.

Streator, Ill.—**MYERS SHERMAN CO.**, 1643 S. Illinois St. Pneumatic portable and stationary conveying equipment.

Connersville, Ind. — **ROOTS-CONNERSVILLE BLOWER CORP.**, 900 W. Mount St. Div. of Dresser Industries, Inc. Rotary positive blowers for pneumatic conveying of soybeans.

Hammond, Ind.—**SCREW CONVEYOR CORP.**, 757 Hoffman St. Hammond "Screw-Lifts" (vertical screw elevator); Hammond "Screw-Veyor" (horizontal or inclined screw conveyor); helicoid and sectional flight conveyor screws; screw-conveyor troughing and accessories; "Tite-Seal" screw conveyor cover and clamps.

Cedar Rapids, Iowa—**J. C. Kintz Co.**, 1737 B Ave. N.E.

Des Moines 9, Iowa—**CORN STATE HYBRID SERVICE**, 1101 Walnut St.

Marion, Iowa—**RAPIDS MACHINERY CO.**, 889 11th St. "Marion" all-steel elevators.

Enterprise, Kans.—**J. B. EHRSAM & SONS MFG. CO.** Elevator boots, head drives, pulleys, buckets, spouting, bins, gates, hoppers and valves, conveyor idlers, trippers, rail car pullers and power shovels.

Leavenworth, Kans.—**GREAT WESTERN MFG. CO.** Elevators—sheet steel. Conveyors—steel spiral.

New Orleans, La.—**NATIONAL BLOW PIPE & MFG. CO. LTD.**, Claiborne, Poland, Derbigny and Kentucky Sts. Pneumatic conveying equipment.

Grand Rapids 2, Mich. — **RAPIDS-STANDARD CO., INC.**, Rapistan Bldg. Plants at 130 Trowbridge N.W.; and Plymouth Road N.E. "Rapistan" power and gravity conveyors, boxcar loaders.

Minneapolis, Minn.—**J. J. GERBER SHEET METAL WORKS, INC.**, 518 S. 3rd St. Soybean distributors; steel elevator legs.

Minneapolis, Minn. — **R. R. HOWELL CO.** Screw and belt conveyors.

Minneapolis 1, Minn.—**LINDSAY BROS. CO.**, 400 N. 1st St. Also at Des Moines, Omaha, Sioux Falls and Fargo. Wholesale distributors. Augers, elevators, blowers.

Minneapolis, Minn. — **STRONG-SCOTT MFG. CO.**, Taft and Kennedy St. N.E. Elevators, conveyors, power shovels.

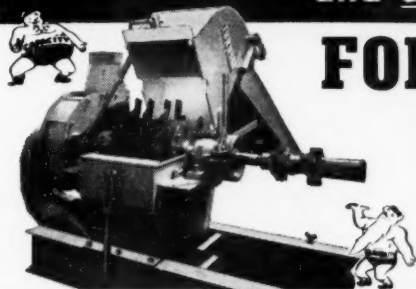
North St. Paul 9, Minn. — **STANDARD CONVEYOR CO.**, 315 N.W. 2nd St. Also plant at 840 Harrison St., San Francisco. Portable belt conveyors — "Handibelt" and "Handipiler" machines.

Thief River Falls, Minn.—**FRED FORSBERG & SONS, INC.**

Kansas City, Mo.—**GENERAL MILL EQUIPMENT CO.**, 2021 Pennsylvania Ave. Conveyors.

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CONVEYORS, ELEVATORS—(Continued)

Kansas City, Mo.—MIDWEST STEEL PRODUCTS CO., Railway Exch. Bldg. Elevating equipment.

Kansas City, Mo.—HARRY E. SURFACE CO., 427 Board of Trade. Complete equipment, engineers and machinery erectors.

St. Louis 4, Mo.—ESSMUELLER CO. Also Kansas City 1, Mo.

Omaha 2, Nebr.—PURITAN MFG. CO., 1931 N. 11th St. Spiral steel conveyors complete with boxes, and steel elevator legs complete with belting and cups.

York, Nebr.—YORK FOUNDRY & ENGINE WORKS. Belt-type conveyors complete with drives; screw conveyors.

New York 4, N. Y.—INGERSOLL-RAND CO., 11 Broadway. Plants at Phillipsburg, N. J.; Painted Post, N. Y.; Athens, Pa. Blowers.

Utica 1, N. Y.—MUNSON MILL MACHINERY CO., INC., 210 Seward Ave. Subsidiary of Divine Bros. Co. Elevators.

Avon, Ohio—BOSWORTH MFG. CO., Mills Rd. Belt-type portable and stationary loading and conveying equipment.

Columbus 7, Ohio—BONDED SCALE & MACHINE CO., 95 Kingston Ave. Portable and stationary conveyors for bulk moving of all materials. Troughing and flat belt types; scraper conveyors, flight conveyors. Portable and stationary models.

Columbus 16, Ohio—JEFFREY MFG. CO., 799 N. 4th St. Conveyors and bucket elevators.

Orient, Ohio—BELT CORP., 5314 Mill St. "Harvest-Handler" elevators, models B and C.

Sidney, Ohio—SHELBY MFG. CO., 219 E. Court St. Adjustable and vertical screw lifts; chain drags, horizontal screws.

Sidney, Ohio—SIDNEY GRAIN MACHINERY CO., 424 N. Main St. Conveying equipment and elevators.

Springfield, Ohio—DUPLEX MILL & MFG. CO.

Tiffin, Ohio—WEBSTER MFG. INC. Designer and manufacturer of stationary elevating and conveying equipment.

Westerville, Ohio—J. W. HANCE MFG. CO. Elevating and conveying equipment.

Youngstown 1, Ohio—REPUBLIC RUBBER DIV., Lee Tire & Rubber Co., Albert St. Car-unloading and soybean oil meal-conducting hose.

Oklahoma City, Okla.—BOARDMAN CO., 1401 S.W. 11th St.

Oklahoma City, Okla.—SOUTHWESTERN SUPPLY & MACHINE WORKS, 6 S.E. 4th St. "Rotor Lift" designed to elevate free flowing bulk material; bucket elevators; screw conveyors and accessories.

Bangor, Pa.—GODSHALK SHEET METAL FABRICATORS, N. Main St. Belt and bucket elevators, screw and drag belt conveyors, hoppers.

Muncy, Pa.—SPROUT, WALDRON & CO., INC. Screw conveyors; bucket elevators; "Pneu-Vac" bulk materials handling system.

York, Pa.—A. B. FARQUHAR CO., div. of Oliver Corp., 142 N. Duke St. All types of conveyors for handling bulk or packaged materials.

Memphis, Tenn.—DABNEY-ALCOTT SUPPLY CO., INC., P. O. Box 2392. Sale of bucket elevators and conveying systems.

Memphis 2, Tenn.—HAYS SUPPLY CO., 269-287 S. Front St. Conveying and elevating equipment.

Memphis, Tenn.—LEWIS SUPPLY CO., 477 S. Main St.

Memphis, Tenn.—RIECHMAN-CROSBY CO., 223-229 S. Front St. Elevating and conveying equipment.

Memphis, Tenn.—SOUTHLAND ENGINEERING & SUPPLY CO., 208-B S. Cleveland. Plant at 92 W. Carolina. Designs, fabricates and sells conveying and elevating systems.

Memphis, Tenn.—TIPPS ENGINEERING & SUPPLY CO., INC., P. O. Box 213. All types of elevating and conveying machinery.

Fort Worth, Tex.—FORT WORTH STEEL & MACHINERY CO., 3600 McCart St. Offices in Chicago, St. Louis, Kansas City. Screw conveyor.

Fort Worth, Tex.—INDUSTRIAL MACHINERY CO., INC., 2400 S. Main. Screw conveyors, elevators, belt conveyors.

Fort Worth, Tex.—WICHITA INDUSTRIAL MFG. CO., P. O. Box 307, 3431 W. Vickery Blvd.

Houston, Tex.—HOUSTON BELTING & SUPPLY CO., 1717 Walker St.

Milwaukee 16, Wis.—BLOWER APPLICATION CO., 3165 N. 30th St. Pneumatic conveying systems; rotary feeder valves.

DEFOLIANTS

Carrollton, Ill.—CARROLLTON FARM SUPPLY. Distributors.

Portageville, Mo.—CYPRESS SUPPLY CO. Distributors.

New York 20, N. Y.—AMERICAN CYANAMID CO., agricultural chemicals div., 30 Rockefeller Plaza.

DRYING EQUIPMENT

San Francisco 7, Calif.—SHANZER MFG. CO., 85 Bluxome St. Shanzer "Berico" and Shanzer "Economy" columnar grain and soybean driers; Shanzer "Thrifty" all-purpose portable farm driers.

Chicago 9, Ill.—LINK-BELT CO. Also at Indianapolis, Philadelphia and Colmar, Pa., Atlanta, Houston, Minneapolis, San Francisco, Los Angeles, Seattle, Toronto. Roto-Louvre, Multi-Louvre, etc.

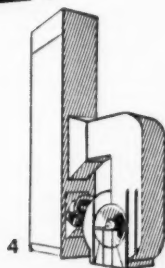
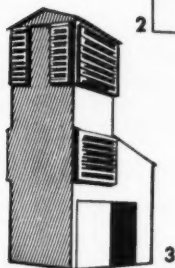
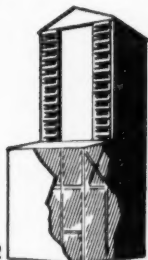
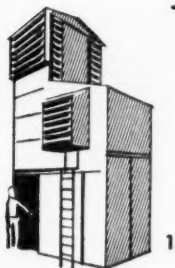
Evanston, Ill.—BURROWS EQUIPMENT CO., 1316-7 Sherman Ave.

Davenport, Iowa—DAVENPORT MACHINE & FOUNDRY CO., 1628 W. 4th St. "Rotary" soybean dryers, conditioners, coolers.

Des Moines 9, Iowa—CORN STATES HYBRID SERVICE, 1101 Walnut St. "Campbell" grain dryer.

Minneapolis 16, Minn.—ARID-AIRE MFG. CO., 3981 Zarthan Ave.

Insure better flaking... more oil yield... with



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Only SHANZER can give you a success-tested principle of low-temperature, warm-air drying that makes every grain operation more profitable. Quality construction and top performance give you proven capacity plus economy of operation, whichever SHANZER you choose:

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2. **ECONOMY "20"**... prefabricated drier for outdoor use by average grain operator... uses Oil, Natural Gas, Propane or Butane.
3. **ECONOMY "30"**... the drier for outdoor use by "Big Operators". Prefabricated, it uses Oil, Natural Gas, Propane or Butane.
4. **BERICO**... the custom-built drier for indoor or outdoor installation! America's most famous Grain Drier... using Oil, Natural Gas, Propane or Butane.

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DRYING EQUIPMENT —(Continued)

Minneapolis 1, Minn.—LINDSAY BROS. CO., 400 N. 1st St. Also at Des Moines, Omaha, Sioux Falls and Fargo. Wholesale distributors.

Columbus, Nebr.—HABCO MFG. CO., Industrial site. Plant also at Platte Center. Portable batch-type and continuous stationary low heat, high air volume grain drying equipment.

Cleveland 2, Ohio—V. D. ANDERSON CO., 1990 W. 96th St. Rotary steam dryers, solvent recovery dryers.

Sidney, Ohio—SIDNEY GRAIN MACHINERY CO., 424 N. Main St. Dryers.

Toledo, Ohio—O. W. RANDOLPH CO., 3917-29 Imlay St.

Oreland, Pa.—ACME COPPERSMITHING & MACHINE CO. Direct heat, drum, cylindrical, indirect heat, rotary, spray type, steam jacketed, tray, vacuum, "Acme" high speed rotary film-type and multi-stage dryers.

Warren, Pa.—STRUTHERS WELLS CORP. Vacuum dryers.

Sioux Falls, S. Dak.—KOLMAN MFG. CO., P. O. Box 251. Plant at W. 12th St. Rd. Portable and stationary grain dryers for normal drying and salvage drying.

Memphis, Tenn.—LEWIS SUPPLY CO., 477 S. Main St.

Milwaukee, Wis.—ALLIS-CHALMERS MFG. CO., gen. machinery div. Solvent removal dryers.

Milwaukee, Wis.—ARNOLD DRYER CO., 3000 W. Montana. Dehydrators.

DUST CONTROL SYSTEMS DUST COLLECTORS

Chicago 40, Ill.—BREUER ELECTRIC MFG. CO., 5100 N. Ravenswood Ave. Dust collectors, industrial vacuum cleaners.

Chicago 50, Ill.—PRATER PULVERIZER CO., 1517-49 S. 55th Court.

Decatur, Ill.—HUSS & SCHLIEPER, 714 N. Church St., P. O. Box 862. Dust collecting systems.

Mishawaka, Ind.—AMERICAN WHEEL-ABRATOR & EQUIPMENT CORP., 886 S. Byrkit St. Dust collector equipment to ventilate various processing operations.

New Orleans, La.—NATIONAL BLOW PIPE & MFG. CO. LTD., Claiborne, Poland, Derbigny and Kentucky Sts.

Minneapolis 13, Minn.—DAY CO., 810 3rd Ave. NE.

Kansas City 8, Mo.—W. C. WIEDENMANN & SONS, INC., 1820-24 Harrison St.

Buffalo 25, N. Y.—DUSTEX CORP., 1758 Walden Ave. "Microclone" and "Dustex D52" dust collectors.

Lockport, N. Y.—RICHMOND MFG. CO., 29 Gooding St. Affiliate of Novadel-Agene, Newark, N. J. Dust collectors.

New York 3, N. Y.—U. S. HOFFMAN MACHINERY CORP., 105 4th Ave. Plant at 219 Lamson St., Syracuse 6. Manufactures portable and stationary vacuum cleaning equipment.

Cleveland 13, Ohio—FILTER FABRICS, INC., Marion Bldg. Industrial dust collecting bags built to specification.

Muncy, Pa.—SPROUT, WALDRON & CO., INC. Cyclone collectors.

Oreland, Pa.—ACME COPPERSMITHING & MACHINE CO.

Fort Worth, Tex.—WICHITA INDUSTRIAL MFG. CO., P. O. Box 307, 3431 W. Vickery Blvd.

Milwaukee 16, Wis.—BLOWER APPLICATION CO., 3165 N. 30th St. Dust collecting systems.

ELEVATOR CUPS

Chicago 9, Ill.—LINK-BELT CO. Also at Indianapolis, Philadelphia and Colmar, Pa., Atlanta, Houston, Minneapolis, San Francisco, Los Angeles, Seattle, Toronto. All types, including new "HS" high speed elevator buckets.

Chicago 6, Ill.—SEEDBUCK EQUIPMENT CO., 794 Converse Bldg.

Chicago 4, Ill.—B. I. WELLER CO., 327 S. La Salle St.

Evansston, Ill.—BURROWS EQUIPMENT CO., 1316-7 Sherman Ave.

Moline, Ill.—K. I. WILLIS CORP.

Peoria, Ill.—PAUL J. HAGERTY EQUIPMENT CO., 800 S. Adams St. Buckets.

Hammond, Ind.—SCREW CONVEYOR CORP., 757 Hoffman St. Elevator buckets ("Nu-Hy," "Salem," "Nu-Type") and bolts.

Cedar Rapids, Iowa—J. C. KINTZ CO., 1737 B Ave. NE.

Minneapolis, Minn.—R. R. HOWELL CO. Buckets.

Thief River Falls, Minn.—FRED FORSBERG & SONS, INC.

Kansas City, Mo.—GENERAL MILL EQUIPMENT CO., 2021 Pennsylvania Ave. Elevator buckets.

Columbus 16, Ohio—JEFFREY MFG. CO., 799 N. 4th St. Elevator buckets.

Sidney, Ohio—SHELBY MFG. CO., 219 E. Court St.

Muncy, Pa.—SPROUT, WALDRON & CO., INC.

Memphis, Tenn.—LEWIS SUPPLY CO., 477 S. Main St.

Fort Worth, Tex.—FORT WORTH STEEL & MACHINERY CO., 3500 McCart St. Offices in Chicago, St. Louis and Kansas City.

FANS

Little Rock, Ark.—HUBERT PHELPS MACHINERY CO., 1700 E. 9th St. Seed cooling fans.

Chicago 4, Ill.—GARDEN CITY FAN CO., 332 S. Michigan Ave. Plant at Niles, Mich. Fans, blowers and exhausters.

East Moline, Ill.—DE BOTHEZAT FANS DIV., American Machine & Metals, Inc. Certified ventilating and air moving equipment.

Morton Grove, Ill.—GENERAL BLOWER CO., 8610 Ferris Ave. Fans, blowers, exhausters.

Skokie, Ill.—WM. W. MEYER & SONS INC., 8254 Elmwood Ave. Blowers, fans, exhausters and vacuum cleaners.

New Orleans, La.—NATIONAL BLOW PIPE & MFG. CO. LTD., Claiborne, Poland, Derbigny and Kentucky Sts. Industrial fans.

Minneapolis, Minn.—STRONG-SCOTT MFG. CO., Taft and Kennedy St. NE.

FANS—(Continued)

Piqua, Ohio — HARTZELL PROPELLER FAN CO., P. O. Box 909. Fan equipment, propeller fans of all types.

Sidney, Ohio — SHELBY MFG. CO., 219 E. Court St. Carloader blowers.

Springfield, Ohio — ROBBINS & MYERS INC., 1345 Lagonda Ave. Also plants at Memphis, and Brantford, Ont. Industrial fans.

Muncy, Pa. — SPROUT, WALDRON & CO. INC.

Memphis, Tenn. — LEWIS SUPPLY CO., 477 S. Main St.

Memphis, Tenn. — TIPPE ENGINEERING & SUPPLY CO. INC., P. O. 213, Front and Market Sts. Pneumatic soybean cooling systems.

Fort Worth, Tex. — FORT WORTH STEEL & MACHINERY CO., 3609 McCart St. Exhaust fans.

FARM EQUIPMENT

Bloomington, Ill. — PORTABLE ELEVATOR MFG. CO. Manufactures farm elevators.

Chicago 1, Ill. — INTERNATIONAL HARVESTER CO., gen. office 180 N. Michigan Ave. "McCormick" farm equipment and "Farmall" tractors.

Chicago 6, Ill. — OLIVER CORP., 400 W. Madison St. Manufactures drills and planters at Springfield, Ohio; combines at Battle Creek, Mich.; cultivators at South Bend, Ind.

Mendota, Ill. — H. D. HUME CO., 812 N. Main St. Combination bat and tine pick-up reels for combine harvesters; "Hydro-Rigid" disk frame for all makes of tandem gangs; "Perfo" crop guards for fast, safe cultivation; wire winder for fencing.

Moline, Ill. — DEERE & CO. Machines and implements for preparing seedbed and for planting, cultivating, and harvesting soybeans.

Peoria 8, Ill. — CATERPILLAR TRACTOR CO. Diesel track-type tractors and wheel tractors; agricultural tool bars and tools; diesel engines and diesel electric sets; tractor shovels.

Kempton, Ind. — ALPROD CO. INC. OF IND. Also plants at Mineral Wells, Tex.; and Dublin, Ga. Distributor of Spaulding automatic tractor hitches. Manufacturer of aluminum gates.

Cedar Rapids, Iowa — CENTURY ENGINEERING CORP., 401 3rd St. Manufactures seeders.

Hesston, Kans. — HESSTON MFG. CO. INC. Soybean harvesting attachment for self-propelled combines.

Birmingham, Mich. — DEARBORN MOTORS CORP., 2500 E. Maple Rd. National marketing organization for "Ford" tractor and "Dearborn" farm equipment. Also operate Wood Bros., Inc., Des Moines, Iowa.

Detroit 32, Mich. — HARRY FERGUSON, INC., Box 322 R.P.A. Plant at 12621 Southfield Rd., Detroit 23. Manufactures "Ferguson" tractor and "Ferguson" system implements.

Minneapolis 15, Minn. — ELROY PRODUCTS CO., 529 S. 7th St. Affiliated with Hetteen Hoist & Derrick Co., Roseau, Minn. "Polaris" straw cutter and spreader.

Minneapolis 1, Minn. — LINDSAY BROS. CO., 400 N. 1st St. Also at Des Moines, Omaha, Sioux Falls and Fargo. Wholesale distributors. Straw cutters.

Minneapolis 1, Minn. — MINNEAPOLIS-MOLINE CO. Tillage tools, visionlined tractors, planters, and harvesters specially adapted to modern soy production.

Minneapolis 14, Minn. — ST. PAUL HYDRAULIC POIST, 2207 University Ave. SE. Div. of Gar Wood Industries, Inc., Wayne, Mich. Hydraulic truck body hoist.

Roseau, Minn. — HETTEEN HOIST & DERRICK CO. "Polaris" cutter and spreader for cutting and spreading soybean straw while combining.

Independence, Mo. — GLEANER HARVESTER CORP., Cottage and Hayward. Combine harvesters -14, 12, and 10-foot self-propelled, and 6-foot pull model.

Plymouth, Ohio — FATE-ROOT-HEATH CO. Offices in principal cities. Manufactures farm and industrial tractors.

York, Pa. — OLIVER CORP., 142 N. Duke St. Manufacturer of "Iron Age" planters.

Milwaukee, Wis. — ALLIS-CHALMERS MFG. CO., tractor div., 1135 S. 70th St. Also plants at La Porte, Ind.; La Crosse, Wis.; Gadsden, Ala.; Oxnard, Calif.; Springfield, Ill.; and Cedar Rapids, Iowa. Farm and industrial tractors, tillage tools, soybean planters, cultivators, fertilizers, and harvesters.

Racine, Wis. — J. I. CASE CO., 700 State St. Agricultural machinery for the production of soybeans and other crops.

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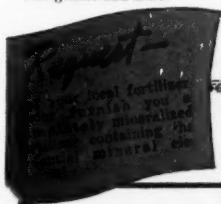
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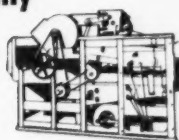
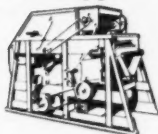


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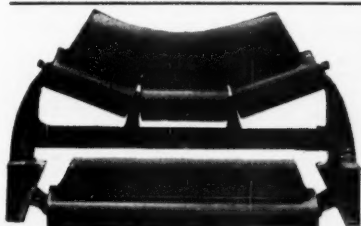
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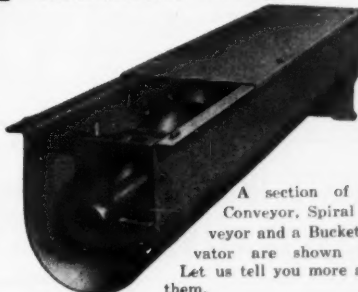


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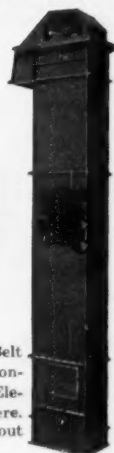
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Chicago 9, Ill.—LINK-BELT CO. Also at Indianapolis, Philadelphia and Colmar, Pa., Atlanta, Houston, Minneapolis, San Francisco, Los Angeles, Seattle, Toronto.

Evanston, Ill.—BURROWS EQUIPMENT CO., 1316-7 Sherman Ave.

Columbus 16, Ohio—JEFFREY MFG. CO., 799 N. 4th St.

Bangor, Pa.—GODSHALK SHEET METAL FABRICATORS, N. Main St. Materials handling equipment for the feed and grain trade.

Muncy, Pa.—SPROUT, WALDRON & CO., INC.

Philadelphia 29, Pa.—AMERICAN PULLEY CO., 4200 Wissahickon Ave.

Memphis, Tenn.—LEWIS SUPPLY CO., 477 S. Main St.

Fort Worth, Tex.—FORT WORTH STEEL & MACHINERY CO., 3600 McCart St.

MISCELLANEOUS EQUIPMENT

Denver 17, Colo.—GATES RUBBER CO., 999 S. Broadway. Industrial hose, rubber-faced steel plate.

Chicago 50, Ill.—PRATER PULVERIZER CO., 1517-49 S. 55th Court. Rotary airlocks.

Chicago 47, Ill.—SIGNODE STEEL STRAPPING CO., 2610 N. Western Ave., Dept. SBB. Grain doors, retaining doors, retaining strips, strapping and accessories.

Peoria, Ill.—PAUL J. HAGERTY EQUIPMENT CO., 800 S. Adams St. Spout magnets, wire rope and accessories.

Springfield, Ill.—SPRINGFIELD BOILER CO., 1900 E. Capitol Ave. Boilers, steam generating units.

Minneapolis, Minn.—R. R. HOWELL CO. Magnets, head drives, motors.

Minneapolis 14, Minn.—JACOBSON MACHINE WORKS, 1094 10th Ave. S.E. Magnetic equipment.

St. Paul 8, Minn.—PAPER-CALMENSON & CO., County Rd. B. and Walnuts Sts. Steel warehouse and fabricating.

St. Louis 3, Mo.—CENTURY ELECTRIC CO., 1806 Pine St. Offices in principal cities. Manufactures electric motors, generators, and selective speed power units.

St. Louis 12, Mo.—GEORGE P. DORRIS CO., INC., 6108 Clemens Ave. Shaft-mounted and base-type speed reducers.

Omaha 2, Nebr.—EATON METAL PRODUCTS CORP., 1301 Willis Ave. Also at Hutchinson, Kans. Fabricators of plate and sheet steel products.

Bristol, N. H.—INTERKATIONAL PACKING CORP. Affiliate of Graton & Knight Co., Worcester, Mass. Also at Chicago, Dallas, Detroit, Kansas City and St. Louis, New York, Philadelphia, San Francisco. Leather and synthetic rubber packings, adaptors, bellows, cup, diaphragm, flange oil seal, "O" ring, "U," "V," washers.

New York 4, N. Y.—INGERSOLL-RAND CO., 11 Broadway. Plants at Phillipsburg, N. J.; Painted Post, N. Y.; Athens, Pa. Compressors; power tools.

Cleveland 7, Ohio—MARTINDALE ELECTRIC CO., 1327 Hird Ave. Manufactures industrial tools, supplies and safety equipment. Protective dust mask.

Springfield, Ohio—ROBBINS & MYERS, INC., 1345 Lagonda Ave. Also plants at Memphis, and Brantford, Ont. Hoists and cranes; motors—totally-enclosed, explosion-proof, all-weather polyphase.

Youngstown 1, Ohio—REPUBLIC RUBBER DIV., Lee Tire & Rubber Co., Albert St. Steam, water and air hose; sheet and strip rubber packing; rubber specialties.

Hatboro, Pa.—FISCHER & PORTER CO., 225 Warminster Rd. Flow meters, flow controllers; flow ratio controllers and glass tubing.

Oreland, Pa.—ACME COPPERSMITHING & MACHINE CO. "Acme" multi-jet barometric condensers.

Brookings, S. Dak.—AMES POWER-COUNT CO. Plastic seed containers.

Memphis 2, Tenn.—HAYS SUPPLY CO., 269-287 S. Front St. Motors; motor controls; maintenance supplies and tools.

Memphis, Tenn.—INDUSTRIAL ELECTRIC & SUPPLY CO., 62 Auction St. Electrical equipment; motors—new and rebuilt.

Memphis, Tenn.—LEWIS SUPPLY CO., 477 S. Main St. Steel warehouse and equipment and supplies for the grain industry.

Dallas, Tex.—BRIGGS-WEAVER MACHINERY CO., 5000 Harry Hines Blvd. Also at Fort Worth and Houston. Distributor of industrial machinery and supplies.

Fort Atkinson, Wis.—NATIONAL AGRICULTURAL SUPPLY CO. Soil testers and samplers; disease specimens and exhibits.

Milwaukee 46, Wis.—STEARNS MAGNETIC INC., 688 S. 28th St. All types of permanent and electro magnetic separators (spout magnetic drums, magnetic pulleys, plate magnets, suspended separation magnets); magnetic brakes and clutches.

MOTOR TRUCKS

South Bend 27, Ind.—STUDEBAKER CORP., 635 S. Main St. Manufactures trucks for both farm and industrial use— $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{2}$, and 2-ton.

Dearborn, Mich.—FORD DIV., Ford Motor Co., P. O. Box 608. Manufactures complete line of motor trucks, over 180 models, light, heavy-duty and extra heavy-duty, V-8 or 6 engines.

Detroit 2, Mich.—CHEVROLET MOTOR DIV., General Motors Corp., General Motors Bldg. Motor trucks.

Detroit, Mich.—DODGE DIV., Chrysler Corp., 7900 Jos. Campau. Manufactures a complete line of motor trucks.

Pontiac, Mich.—GMC TRUCK & COACH DIV., General Motors Corp., 660 S. Boulevard E. Farm trucks; trucks for distributing soybean products; heavy-duty vehicles for moving machinery, raw materials and products.

Milwaukee 1, Wis.—STERLING DIV., White Motor Co., 2021 S. 54th St. Heavy duty motor trucks.

PACKAGING EQUIPMENT

Chicago, Ill.—ALLBRIGHT-NELL CO., 5323 S. Western Blvd. Filling equipment—lard and compound.

Evanston, Ill.—BURROWS EQUIPMENT CO., 1316-7 Sherman Ave.

Hoopeston, Ill.—FOOD MACHINERY & CHEMICAL CORP., canning machinery div. Labelers, boxers and filling machines—liquid, oil, viscous.

Cedar Rapids, Iowa—BARNARD & LEAS MFG. CO., INC., 1200 12th St. S.W. All electric and line-shaft driven auger packers.

Roslindale 31, Mass.—NATIONAL PACKAGING MACHINERY DIV., U. S. Automatic Box Machinery Co., Inc., 23 Aboretum Rd. Packaging machinery.

Quincy 71, Mass.—PNEUMATIC SCALE CORP., LTD., 65 Newport Ave. Automatic packaging and bottling machinery.

New York 17, N. Y.—INTERNATIONAL PAPER CO., bagpak div., 220 E. 42nd St. Plants at Camden, Ark., and Bastrop, La. Bag filling and packaging machinery.

Cincinnati Ohio—KARL KIEFER MACHINE CO., 919 Martin St. Equipment for cleaning, filling, closing, and conveying containers used in packaging of liquid and viscous materials.

Toledo 1, Ohio—LYNCH CORP., packaging machine div. "Morpac" combined print forming, wrapping and cartoning machines for margarine.

Pittsburgh 4, Pa.—HORIX MFG. CO., Greenway Dr. Liquid fillers.

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New York 17, N. Y.—HEYDEN CHEMICAL CORP., 342 Madison Ave. "Pentek" (Pentaerythritol Technical—a polyol used with soybean oil and soy fatty acids in the manufacture of synthetic drying oils, alkyd resins and varnishes).

PELLET MACHINES

San Francisco 3, Calif.—CALIFORNIA PELLET MILL CO., 1800 Folsom St. Also at Crawfordsville, Ind.; Kansas City 8, Mo.

Cedar Rapids, Iowa—BARNARD & LEAS MFG. CO., INC., 1200 12th St. S.W. "Cold Process" pellet mill.

Cedar Rapids, Iowa—J. C. KINTZ CO., 1737 B. Ave. N.E.

Owensboro, Ky.—ANGLO AMERICAN MILL CORP.

Minneapolis 20, Minn.—ALLOY HARD-FACING CO., 5710 S. Lyndale. Manufactures and rebuilds high production pellet mill rolls with a hardfacing alloy and slots them diagonally.

Minneapolis, Minn.—STRONG-SCOTT MFG. CO., Taft and Kennedy St. N.E. Pellet coolers.

Muncy, Pa.—SPROUT, WALDRON & CO., INC.

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Birmingham, Ala.—CONTINENTAL GIN CO., industrial div. Offices at Atlanta, Dallas, Memphis, and New York.

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Chicago 9, Ill.—LINK-BELT CO. Also at Indianapolis, Philadelphia and Colmar, Pa., Atlanta, Houston, Minneapolis, San Francisco, Los Angeles, Seattle, Toronto. Chains, sprockets, bearings, couplings, speed reducers, gearmotors, variable speed drives, backstops, V-belt and chain drives, etc.

Decatur, Ill.—HUSS & SCHLIEPER, 714 N. Church St., P. O. Box 862.

Peoria, Ill. — PAUL J. HAGERTY EQUIPMENT CO., 800 S. Adams St. Roller chain and sprockets; motors and controls; moto-reducers; pulleys, bearings; takeups.

Mishawaka, Ind.—DODGE MFG. CORP. Bearings; V-belt drives and sheaves; steel conveyor and split steel pulleys; torque-arm speed reducers; shaft couplings, both rigid and flexible; shaft collars; takeups; variable speed drives; taperlock bushed sprockets.

Enterprise, Kans.—J. B. EHRSAM & SONS MFG. CO. Power transmission equipment including pulleys, gears, plain and anti-friction bearings, shafting, clutches, sprockets, pillow blocks, V-belt sheaves, flexible and rigid couplings.

Minneapolis, Minn.—R. R. HOWELL CO. Power transmissions.

Minneapolis, Minn. — STRONG-SCOTT MFG. CO., Taft and Kennedy St. N.E. V-belt drives.

Columbus 16, Ohio—JEFFREY MFG. CO., 799 N. 4th St.

Oklahoma City, Okla.—SOUTHWESTERN SUPPLY & MACHINE WORKS, 6 E. Chickasaw St.

Muncy, Pa.—SPROUT, WALDRON & CO., INC. Cast iron pulleys.

Philadelphia 29, Pa.—AMERICAN PULLEY CO., 4200 Wissahickon Ave. Speed reduction units, V-belt sheaves, V-belts, motor bases, adjustable-speed sheaves, steel split pulleys, conveyor pulleys, hi-torque pulleys.

Philadelphia 34, Pa.—PHILADELPHIA GEAR WORKS, INC., G St. below Erie Ave. Also operate Virginia Gear & Machine Co., Lynchburg, Va. All types of power transmission equipment including gears, speed reducers, valve controls, gearmotors, couplings.

Philadelphia 32, Pa.—SKF INDUSTRIES, INC., Front St. and Erie Ave. Other plants at Hornell, N. Y.; Shippensburg and Altoona, Pa. Manufacturers ball and roller bearings; pillow blocks; steel, stainless and bronze balls.

Memphis, Tenn.—LEWIS SUPPLY CO., 477 S. Main St. Distribution of industrial supplies.

Memphis, Tenn.—TIPPS ENGINEERING & SUPPLY CO., INC., P. O. Box 213. All types of power transmission machinery for soybean storage and processing plants.

Fort Worth, Tex.—FORT WORTH STEEL & MACHINERY CO., 3600 McCart St. Offices in Chicago, St. Louis and Kansas City. V-belt drives and roller chain sprockets.

Houston, Tex.—HOUSTON BELTING & SUPPLY CO., 1717 Walker St.

PROCESSING EQUIPMENT

BATCH SOLVENT EXTRACTORS

Piqua, Ohio—FRENCH OIL MILL MACHINERY CO.

CONTINUOUS COUNTERCURRENT SOLVENT EXTRACTORS

Minneapolis 20, Minn.—ALLOY HARD-FACING CO., 8710 S. Lyndale. Solvent shafts.

Minneapolis 13, Minn.—CROWN IRON WORKS CO., 1229 Tyler St. N.E.

St. Paul 1, Minn.—FUEL ECONOMY ENGINEERING CO., 516 New York Bldg. Engineering and construction of soybean solvent extraction plants.

East Orange, N. J.—OTTO H. YORK CO., INC., 69 Glenwood Place. Liquid-liquid extraction equipment for refining processes. Entrainment separators in solvent recovery equipment, vacuum distillation equipment, etc.

New York 17, N. Y.—PRODUCTION ENGINEERING CO., 420 Lexington Ave.

Cleveland 2, Ohio—V. D. ANDERSON CO., 1990 W. 96th St. Designer and fabricator of complete petroleum and non-flammable type solvent extraction plants and equipment.

Piqua, Ohio—FRENCH OIL MILL MACHINERY CO. Vertical, rectangular, and horizontal basket extractors; solvent toasters.

Contesville, Pa.—LUKENWELD. Construction and design of solvent filtration-extraction plants.

Glen Riddle, Pa.—PITTOCK & ASSOCIATES. Used solvent extraction plants.

Pittsburgh, Pa. — BLAW-KNOX CO., P. O. Box 1198.

Milwaukee, Wis. — ALLIS CHALMERS MFG. CO., gen. machinery div.

London, S. W. 6, England — BAMAG LTD., Rickett St., West Brompton.

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Minneapolis 20, Minn.—ALLOY HARD-FACING CO., 8710 S. Lyndale. Expeller shafts.

Cleveland 2, Ohio—V. D. ANDERSON CO., 1990 W. 96th St. Exclusive builder of "Expellers." Designer of complete oil mills.

Piqua, Ohio—FRENCH OIL MILL MACHINERY CO. Continuous screw presses.

Glen Riddle, Pa.—PITTOCK & ASSOCIATES. Anderson and French screw presses; continuous screw presses.

HYDRAULIC PRESSING EQUIPMENT

Piqua, Ohio—FRENCH OIL MILL MACHINERY CO.

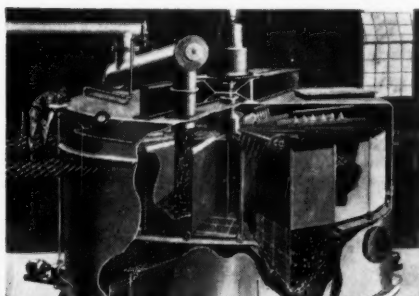
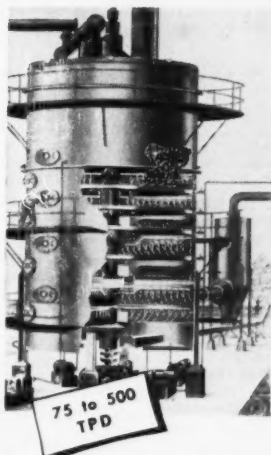
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San Francisco 10, Calif.—ENTERPRISE ENGINE & MACHINERY CO., 18th and Florida Sts. Subsidiary of General Metals Corp. Foots press—free oil extraction from foots.

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These complete "outdoor" plants show comparable production on both cottonseed and soybean. Plant recommendations submitted without obligation to you. Send us: capacity desired, steam pressure, current characteristics, cooling water temperature and proposed plant location.

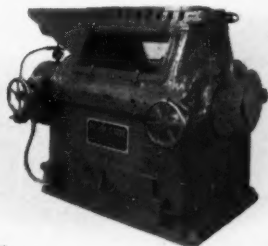


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A real production booster . . . Produces flakes of uniform thickness . . . Positive roll adjustment . . . Direct drive—no belts or chains . . . Frosted finish rolls overcome greasing action of grain oils . . . Operates with minimum attention.

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Proved outstanding in application to soybeans and press cake because: less residual oil . . . less steam and water required . . . less maintenance . . . filtration of miscella is eliminated . . . no vapor scrubbing required.



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PROCESSING EQUIPMENT—(Continued)

San Francisco 11, Calif.—MERCOCENTRIFUGAL CO., 150 Green St. Affiliate of Merrill Co., engineers. Manufactures industrial centrifuges used in separation processes.

Santa Rosa, Calif.—RIETZ MFG. CO., 150 Todd Rd. Manufacturer of equipment for food and chemical process industries. "Rietz" vertical disintegrator; feed systems.

Chicago 50, Ill.—B. F. GUMP CO., 1325 S. Cicero Ave. Feeders.

Chicago 4, Ill.—STANSBURY ENGINEERING & SALES, 53 W. Jackson Blvd. Plant at 69 S. River St., Aurora. Manufactures Stansbury Steam Saver—a closed condensate return system.

Davenport, Ill.—BOWMAN WELDING & METAL WORKS, 501 E. North St. Manufactures and rebuilds hard-surfaced screw-type press parts.

East Moline, Ill.—TOLHURST CENTRIFUGALS DIV., American Machine & Metals, Inc. Centrifugal extractors.

Davenport, Iowa—DAVENPORT MACHINE & FOUNDRY CO., 1628 W. 4th St. "Rotary" dryers, conditioners and coolers used in solvent extraction.

Fort Lee, N. J.—BUHLER BROS., INC., State Highway No. 4. Machine importer and manufacturer of preparatory equipment for the extraction of oil.

Mt. Vernon, N. Y.—SCHWARZ LABORATORIES, INC., 239 Washington St. "Lipometer Fat Tester" for determination of oil content in meal, press cake, expeller cake.

Rochester 1, N. Y.—TAYLOR INSTRUMENT COS., 95 Ames St. Manufacture instruments for indicating, recording and controlling temperature, pressure, flow, density, load, liquid level and humidity.

Cleveland 2, Ohio—V. D. ANDERSON CO., 1990 W. 96th St. Coolers, screening tanks, flakers, steam traps, atmospheric and pressure meal toasters, distillation systems, filters, steam, gas air and vapor purifiers, special fabricated equipment.

Erie, Pa.—ERIEZ MFG. CO. Permanent non-electric magnets, magnetic non-electric separators and electronic metal detectors.

Glen Riddle, Pa.—PITTOCK & ASSOCIATES. Miscellaneous used and rebuilt oil mill equipment, including meal toasters, coolers, filter presses, oil screening tanks, grinders, scales, elevators and screw conveyors.

Homer City, Pa.—SYNTRON CO., 466 Lexington. Also plant at Blairsville, Pa. Electric vibrators for bins, hoppers and chutes; vibratory feeders for controlling the flow of materials.

Mertztown, Pa.—ATLAS MINERAL PRODUCTS CO. Also at Houston, Tex. Coatings, linings, cements and jointing materials resistant to soybean oil; solvents, alkalies and acids employed in the soybean industry.

Oreland, Pa.—ACME COPPERSMITHING & MACHINE CO. Distillation equipment. Drying ovens (with solvent recovery apparatus).

Philadelphia, Pa.—MINNEAPOLIS HONEYWELL REGULATOR CO., 5060 Wayne Ave. Design and fabrication of automatic control instruments and complete process control systems.

Warren, Pa.—STRUTHERS WELLS CORP. Solvent recovery. Solvent removal.

Brookings, S. Dak.—AMES POWER-COUNT CO. Designs and manufacturers special equipment for research or other purposes.

Fort Worth, Tex.—V. A. LESSOR & CO., P. O. Box 108. Used oil mill equipment.

Milwaukee, Wis.—ALLIS-CHALMERS MFG. CO., gen. machinery div. Solvent recovery apparatus (distillation).

Milwaukee 12, Wis.—CLEAVER-BROOKS CO., 326 E. Keefe Ave. Also operate Michael Yundt Co., Waukesha, Wis. Boilers for heating and processing; burners for industrial and commercial installations.

PUMPS

Fresno, Calif.—VALLEY FOUNDRY & MACHINE WORKS, INC., 710-734 H. St. Pumps—centrifugal and rotary in stainless steel and bronze.

Rockford, Ill.—GEO. D. ROPER CORP., pump div., 508 Blackhawk Park Ave. Rotary (gear-type) positive displacement pumps for transfer of soybean oil.

Cedar Falls, Iowa—VIKING PUMP CO. Rotary pumps for handling soybean oils and solvents.

Warren, Mass.—WARREN STEAM PUMP CO., INC., Bridges Ave. "Warren" and "Warren-Quimby" centrifugal, reciprocating and rotary-type pumping machinery.

Grand Rapids 9, Mich.—BLACKMER PUMP CO., INC.

Minneapolis 13, Minn.—JEROME SIMER CO., 422 Stinson Blvd. Paddle pumps used as self-priming, oil or chemical transfer pumps.

Brooklyn 1, N. Y.—FOSTER PUMP WORKS, INC., 51-A Washington St. Soybean oil pumps; solvent pumps, foots pumps used in deodorizing, hydrogenating and fractionating processes.

New York 4, N. Y.—INGERSOLL-RAND CO., 11 Broadway. Plants at Phillipsburg, N. J.; Painted Post, N. Y.; Athens, Pa.

New York 38, N. Y.—OLIVER UNITED FILTERS, INC., 33 W. 42nd St. Pumps—centrifugal, vacuum, diaphragm.

Springfield, Ohio—ROBBINS & MYERS, INC., 1345 Lagonda Ave. Also plants at Memphis, and Brantford, Ont. Moyno "Progressive Cavity" pump.

Memphis, Tenn.—LEWIS SUPPLY CO., 477 S. Main St.

REFINING EQUIPMENT AND SUPPLIES

BLEACHING AND FILTERING

Los Angeles 17, Calif.—DICALITE DIVISION, Great Lakes Carbon Corp. Other offices at 333 N. Michigan Ave., Chicago 1, Ill.; 18 E. 48th St., New York 17, N. Y. Manufactures diatomaceous earth filteraids for filtration of soybean oil or any other liquid or liquor concerned in processing soy products.

Los Angeles 17, Calif.—FILTROL CORP., 727 W. 7th St. Plants at Vernon, Calif.; Jackson, Miss.; Salt Lake City, Utah. Activated adsorbents, decolorizing adsorbents, desiccants, activated bleaching clays, activated bleaching earths.

Chicago 16, Ill.—FILTER PAPER CO., 2421 S. Michigan Ave. Filter presses.

Chicago, Ill.—SIECK & DRUCKER, INC., 9 S. Clinton St. Bleaching installations.

Chicago 15, Ill.—WURSTER & SANGER, INC., 1337 E. 52nd St. Bleaching installations.

Louisville 1, Ky.—GIRDLER CORP. Continuous vacuum bleaching plants.

Morristown, N. J.—ALAN PORTER LEE ASSOCIATES, 19 South St. Bleaching installations.

New York, N. Y.—DARCO DEPT. ATLAS POWDER CO., 60 E. 42nd St. Activated carbons. Purifying.

New York 17, N. Y.—INDUSTRIAL CHEMICAL SALES, 230 Park Ave., div. of West Virginia Pulp & Paper Co. Offices at 35 E. Wacker Drive, Chicago 1, Ill.; Lincoln-Liberty Bldg., Philadelphia 7, Pa.; 2775 Moreland Blvd., Cleveland 20, Ohio. Activated carbon, refined and crude tall oils.

New York 6, N. Y.—INNIS, SPEIDEN & CO., INC., 117 Liberty St. Activated and inactivated decolorizing clay.

New York 16, N. Y.—JOHNS-MANVILLE, 22 E. 40th St. Celite (diatomaceous earth). Filter aids.

New York 38, N. Y.—L. A. SALOMON & BRO., 216 Pearl St. Bleaching agents, filter aids.

Pittsburgh, Pa.—BLAW-KNOX CO., chemical plants div.

Nacogdoches, Tex.—BENNETT-CLARK CO., INC., P.O. Box 951. Bleaching and filtering clays.

COMPLETE PLANTS

Chicago 15, Ill.—WURSTER & SANGER, INC., 1337 E. 52nd St. Complete equipment and engineering services for processing soybean oils.

Louisville 1, Ky.—GIRDLER CORP., vortator div., 224 E. Broadway. Complete oil processing plants.

Poughkeepsie, N. Y.—DE LAVAL SEPARATOR CO. Affiliate of De Laval Steam Turbine Co. Office also at 427 Randolph St., Chicago 6, Ill.

Pittsburgh, Pa.—BLAW-KNOX CO., chemical plants div. Complete process plants for the fatty oil industry.

London, S.W. 6, England.—BAMAG LTD., Rickett St., West Brompton. Complete plant for solvent extracting, hydrogenation and deodorizing soybean oils; machinery for recovering and concentrating lecithin.

SOYBEAN BLUE BOOK

BEGUMMING

Poughkeepsie, N. Y.—DE LAVAL SEPARATOR CO. Affiliate of De Laval Steam Turbine Co. Office also at 427 Randolph St., Chicago 6, Ill.

Philadelphia 40, Pa.—SHARPLES CORP., 2300 Westmoreland St.

Pittsburgh, Pa.—BLAW-KNOX CO., chemical plants div.

DEODORIZATION

Chicago, Ill.—SIECK & DRUCKER, INC., 9 S. Clinton St. High vacuum deodorizers.

Chicago 15, Ill.—WURSTER & SANGER, INC., 1337 E. 52nd St. Batch and continuous.

Rockford, Ill.—ECLIPSE FUEL ENGINEERING CO., 1156 Buchanan St. Dowtherm heating systems.

Louisville 1, Ky.—GIRDLER CORP. Vortator semi-continuous deodorization plants.

Hyde Park, Mass.—S. D. HICKS & SON CO., 1671 Hyde Park Ave. Batch installations.

Morristown, N. J.—ALAN PORTER LEE ASSOCIATES, 19 South St. Batch and continuous.

New York 6, N. Y.—FOSTER WHEELER CORP., 165 Broadway. Batch and continuous installations. Dowtherm systems.

Poughkeepsie, N. Y.—DE LAVAL SEPARATOR CO. Affiliate of De Laval Steam Turbine Co. Office also at 427 Randolph St., Chicago 6, Ill.

Oreland, Pa.—ACME COPPERSMITHING & MACHINE CO. Deodorizers.

Pittsburgh, Pa.—BLAW-KNOX CO., chemical plants div. Batch installations. Dowtherm heating systems.

Warren, Pa.—STRUTHERS WELLS CORP. Batch and continuous deodorizers. Heaters and coolers.

FRACTIONATION

Chicago, Ill.—ARMOUR CHEMICAL DIVISION, 1355 W. 31st St. Plant also at P. O. Box 190, LaGrange, Ill.

Cincinnati 2, Ohio—EMERY INDUSTRIES, INC., 4206 Carew Tower. Manufactures "Emery 610" distilled soya-type fatty acid, "Plastolein 9315" double distilled liquid fatty acid. "Emersol" process for separation of liquid and solid components of soya fatty acids. Fractionation by selective solvent crystallization.

HYDROGENATION

Atlanta, Ga.—W. F. H. SCHULTZ, INC., 2322 Roswell Rd. N.W. Hydrogen and nitrogen production and storage.

Chicago, Ill.—SIECK & DRUCKER, INC., 9 S. Clinton St. Hydrogenators, hydrogen production and storage.

Chicago 15, Ill.—WURSTER & SANGER, INC., 1337 E. 52nd St. Hydrogenators, hydrogen production and storage.

Louisville 1, Ky.—GIRDLER CORP. "Hygirtol" hydrogen manufacturing plants.

Morristown, N. J.—ALAN PORTER LEE ASSOCIATES, 19 South St. Hydrogenators.

REFINING EQUIPMENT—(Continued)

New York 6, N. Y.—FOSTER WHEELER CORP., 165 Broadway. Hydrogenators.

Poughkeepsie, N. Y.—DE LAVAL SEPARATOR CO. Affiliate of De Laval Steam Turbine Co. Offices also at 427 Randolph St., Chicago 6, Ill.

Emmaus, Pa.—AIR PRODUCTS, INC. Manufactures electrolytic cells for production of hydrogen.

Philadelphia 4, Pa.—ELECTRIC HEATING EQUIPMENT CO., 32nd and Ludlow Sts. Manufactures complete hydrogen producing plants for oil hardening.

Pittsburgh, Pa. — BLAW-KNOX CO., chemical plants div.

Warren, Pa. — STRUTHERS WELLS CORP. Hydrogenators.

MARGARINE

Louisville 1, Ky. — GIRDLER CORP. Complete margarine plants. Margarine manufacturing apparatus.

Saginaw, Mich. — BAKER - PERKINS, INC., chemical machinery div. Mixing equipment, centrifugals.

Sandusky, Ohio — THERMAL MACHINERY CO. Mixing and chilling equipment.

Pittsburgh, Pa. — BLAW-KNOX CO., chemical plants div.

MISCELLANEOUS

Fresno, Calif. — VALLEY FOUNDRY & MACHINE WORKS, INC., 2718 East Ave. Stainless steel tanks. Special equipment made to order.

Los Angeles 64, Calif.—PACIFIC TRANSDUCER CORP., 119-21 W. Pico Blvd. Melting point meter for oils, waxes, resins.

Decatur, Ill.—LEADER IRON WORKS, INC., 2156 N. Jasper St. Tanks, kettles, condensers and heat exchangers.

Maywood, Ill. — COLEMAN INSTRUMENTS, INC., 318 Madison St. Manufactures "Coleman Model 6B Spectrophotometer" for evaluation of vegetable oil color.

Morrisstown, N. J.—ALAN PORTER LEE ASSOCIATES, 19 South St.

New York 17, N. Y.—HEYDEN CHEMICAL CORP., 342 Madison Ave. Manufactures chemicals including "Propyl Gallate," an antioxidant for the inhibition of rancidity in soybean oil and related products.

Poughkeepsie, N. Y.—DE LAVAL SEPARATOR CO. Affiliate of De Laval Steam Turbine Co. Office also at 427 Randolph St., Chicago 6, Ill. Winterizing; also miscella clarifiers and protein concentrators; centrifugal separators.

Oreland, Pa. — ACME COPPERSMITHING & MACHINE CO.

NEUTRALIZATION

Chicago, Ill. — SIECK & DRUCKER, INC., 9 S. Clinton St. Kettle refining.

Chicago 15, Ill.—WURSTER & SANGER, INC., 1337 E. 52nd St. Kettle and continuous refining.

Poughkeepsie, N. Y.—DE LAVAL SEPARATOR CO. Affiliate of De Laval Steam Turbine Co. Office also at 427 Randolph St., Chicago 6, Ill. Continuous refining.

Philadelphia 40, Pa.—SHARPLES CORP., 2300 Westmoreland St. Continuous refining.

Pittsburgh, Pa. — BLAW-KNOX CO., chemical plants div.

SHORTENING

Chicago, Ill. — SIECK & DRUCKER, INC., 9 S. Clinton St. Chilling and plasticizing.

Chicago 15, Ill.—WURSTER & SANGER, INC., 1337 E. 52nd St. Chilling and plasticizing.

Louisville 1, Ky. — GIRDLER CORP. Chilling and plasticizing apparatus.

Pittsburgh, Pa. — BLAW-KNOX CO., chemical plants div.

RESPIRATORS

Chicago 6, Ill.—SEEDBURO EQUIPMENT CO., 794 Converse Bldg.

Evanson, Ill. — BURROWS EQUIPMENT CO., 1316-7 Sherman Ave.

RESURFACING MATERIAL

Des Moines 9, Iowa—TUFCRETE CO., INC., 519 Teachout Bldg. "Tufcrete" resurfacer for all types of floors. "Tufdense" concrete floor hardener. "Tuftop" concrete floor surface treatment.

Cleveland 13, Ohio—HALLEMITE MFG. CO., 2446 W. 25th St. Floor maintenance—repairing, resurfacing, patching, slip-proofing.

Cleveland 12, Ohio—UNITED LABORATORIES, INC., 16801 Euclid Ave. Plant maintenance—flooring, special coatings.

SCALES

Chicago 50, Ill.—B. F. GUMP CO., 1325 S. Cicero Ave. Automatic weighers.

Chicago 6, Ill.—SEEDBURO EQUIPMENT CO., 794 Converse Bldg.

Evanson, Ill. — BURROWS EQUIPMENT CO., 1316-7 Sherman Ave.

Cedar Rapids, Iowa—J. C. KINTZ CO., 1737 B Ave. N.E.

Minneapolis, Minn.—R. R. HOWELL CO.

Kansas City 6, Mo.—AMERICAN SCALE CO., 810 Waldheim Bldg. Plant at Pleasant Hill. Portable platform and truck scales; vises.

Webb City, Mo.—WEBB CORP., 402 Broadway. Manufactures truck and warehouse scales; railroad track scales.

Clifton, N. J.—RICHARDSON SCALE CO., 668 Van Houten Ave. Automatic weighing, sacking and proportioning equipment.

Brooklyn, N. Y.—DETECTO SCALES, INC., 540 Park Ave. Manufacture retail store and industrial scales.

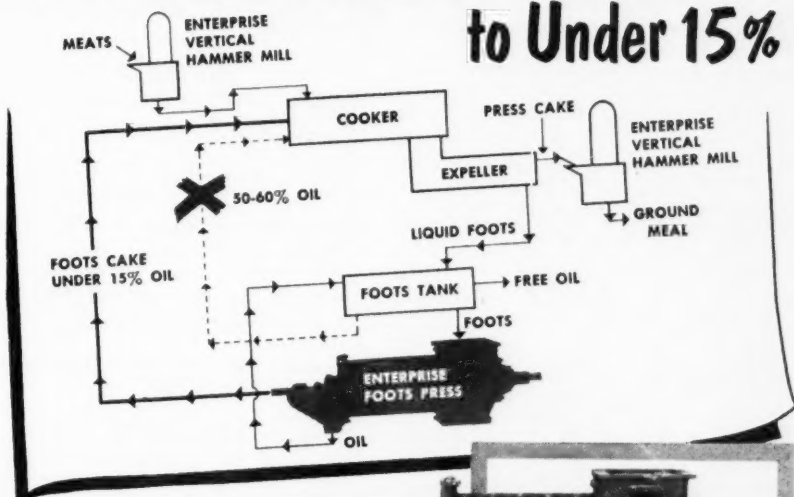
Buffalo, N. Y.—BUFFALO SCALE CO., INC., 46 Letchworth St. Manufactures industrial scales; automatic batching scales.

New York 14, N. Y.—AUTOMATIC SCALE CO., INC., 591 Hudson St. Automatic weighing and bagging machinery.

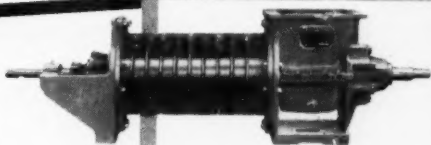
Silver Creek, N. Y.—S. HOWES CO., INC. Sacking scales and weighers.

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Enterprise
Process Machinery

SCALES—(Continued)

Columbus 7, Ohio—BONDED SCALE & MACHINE CO., 95 Kingston Ave. Motor truck, warehouse, and industrial scales.

Columbus 8, Ohio—EXACT WEIGHT SCALE CO., 950 W. 5th Ave. Also Dept. AM. 2920 Bloor St. W., Toronto 18, Ontario, Canada. Sacking scales; counter scales for packaging and automatic filling; balances; checkweighing equipment.

Sidney, Ohio—SIDNEY GRAIN MACHINERY CO., 424 N. Main St.

Memphis, Tenn.—LEWIS SUPPLY CO., 477 S. Main St.

Rutland, Vt.—HOWE SCALE CO.

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Naugatuck, Conn.—UNITED STATES RUBBER CO., chemical div. "Phygon Seed Protectant," "Phygon Naugets," "Phygon-XL-DDT," "Sperguson," "Sperguson-DDT," "Sperguson-SL," "Sperguson-DDT-SL."

Wilmington, Del.—E. I. du PONT de NEMOURS & CO., INC., Grasselli chemicals dept. "Arasan Thiram" seed disinfectant.

Westerville, Ohio—J. W. HANCE MFG. CO. Seed treating equipment. (Fungus diseases.)

SHEET METAL, SPOUTING

Denver 17, Colo.—GATES RUBBER CO., 999 S. Broadway. Rubber-lined conveyor spouting.

Chicago 6, Ill.—SEEDBURO EQUIPMENT CO., 794 Converse Bldg.

Chicago 4, Ill.—B. I. WELLER CO., 327 S. La Salle St. Sheet metal work. Elevator legs, spouting.

Evanston, Ill.—BURROWS EQUIPMENT CO., 1316-7 Sherman Ave.

Hammond, Ind.—SCREW CONVEYOR CORP., 757 Hoffman St. Elevator bucket legs and sheet metal fabrication.

Cedar Rapids, Iowa—J. C. KINTZ CO., 1737 B Ave N.E.

Minneapolis 13, Minn.—DAY CO., 810 3rd Ave. N.E. Spouting and other sheet steel and alloy products for food processing industries.

Minneapolis, Minn.—J. J. GERBER SHEET METAL WORKS, INC., 518 S. 3rd St. Steel spouting, flexible carloading spouts and sections. Sheet metal fabricators.

Minneapolis, Minn.—R. R. HOWELL CO. Steel spouting.

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Muncy, Pa.—SPOUT, WALDRON & CO., INC. Complete sheet metal fabrication facilities.

Memphis, Tenn.—LEWIS SUPPLY CO., 477 S. Main St.

Memphis, Tenn.—SOUTHLAND ENGINEERING & SUPPLY CO., 208-B S. Cleveland. Plant at 92 W. Carolina. Special steel fabrication.

SIFTERS

Chicago 50, Ill.—B. F. GUMP CO., 1325 S. Cicero Ave.

Fort Scott, Kans.—NOR-VELL, INC., 402 E. 20th.

Lockport, N. Y.—RICHMOND MFG. CO., 29 Gooding St. Affiliate of Novadel-Agenc, Newark, N. J. High-speed gyro sifters.

Minneapolis 15, Minn.—SCHUTZ-O'NEILL CO., 307 Portland Ave.

Silver Creek, N. Y.—S. HOWES CO., INC.

Cincinnati 22, Ohio—J. H. DAY CO., INC., 1142-A Harrison Ave. "Day" sifter and mixer, mixer agitators, "Day Roball" gyrating sifters.

Cincinnati 23, Ohio—ORVILLE SIMPSON CO., 1230 Knowlton St.

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Detroit 26, Mich.—PENOLA OIL CO., 3780 Penobscot Bldg. "Penola" hexane, "Penola" heptane, "Penola" octane and various extraction solvents.

Kansas City, Mo.—SKELLY OIL CO., solvents div., Skelly Bldg.

St. Louis 10, Mo.—R. J. BROWN CO., 1418 Wittenberg Ave. "Bronoco" extraction solvents, hexane and heptane.

New York, N. Y.—ESSO STANDARD OIL CO., 15 W. 51st St. Div. offices, Union Ave. at Bellevue, Memphis, Tenn.; 1410 Canal St., P. O. Box 1250, New Orleans 16, La. "Esso" hexane, "Esso" heptane, "Esso" octane and various wide cut extraction solvents.

Bartlesville, Okla.—PHILLIPS PETROLEUM CO., special products div. "Phillips 66" extraction solvents, including hexane and heptane.

SOYBEAN STORAGE

ELEVATOR, PROCESSOR UNITS

Marion, Ill.—J. E. REESER CO. Concrete storage bins.

Fort Wayne, Ind.—FELTS & JACK CONSTRUCTION CO., INC., P. O. Box 926. Affiliate of Jack Construction Co., Inc., Kansas City, Kans. Concrete grain elevators, flour mills and feed plants.

Des Moines 9, Iowa—CORN STATES HYBRID SERVICE, 1101 Walnut St. "Marietta" aircell storage tanks.

Hutchinson, Kans.—CHALMERS & BORTON, Hoke Bldg. Design and construction of grain storage and handling.

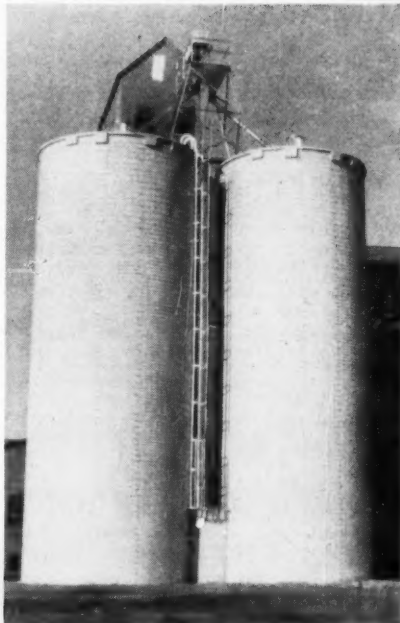
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rot. Compare the difference in maintenance and replacement costs. Compare the difference in operating profits.

Before you reach any decision regarding the purchase of bins for the storage of soybeans, seeds, nuts, or cereals, be sure to read our folder, "Extra Profits in Grain Storage." A copy will be gladly sent for the asking.

SOYBEAN STORAGE—(Continued)

Minneapolis, Minn.—HOGENSON CONSTRUCTION CO., 622 Flour Exch. Designer and builder of soybean storage and processing plants.

Kansas City 26, Mo.—BLACK, SIVALLS & BRYSON, INC., 7500 E. 12th.

Kansas City 26, Mo.—BUTLER MFG. CO., 7497 E. 13th St. Also 997 6th Ave. S.E., Minneapolis 14, Minn.

Kansas City, Mo.—COLUMBIAN STEEL TANK CO., P. O. Box B-4226. Bolted steel grain elevator tanks.

Kansas City, Mo.—MIDWEST STEEL PRODUCTS CO., Railway Exch. Bldg. Bolted storage, elevator-type bins.

Omaha 2, Nebr.—EATON METAL PRODUCTS CORP., 1301 Willis Ave. Also Kansas div. at Hutchinson. Special bean and oil storage tanks for processing plant.

Omaha 8, Nebr.—TILLOTSON CONSTRUCTION CO., 1215 Jones St. Mill and elevator construction.

New York 20, N. Y.—NICHOLSON CO., INC., 10 Rockefeller Plaza. Bulk storage and handling equipment construction. Reinforced concrete storage bins.

New York, N. Y.—R. C. STANHOPE, INC., 60 E. 42nd St. Steel storage tanks.

Camden, Ohio—NEFF & FRY CO. Concrete stave bins.

Marletta, Ohio—MARIETTA CONCRETE CORP., Box 356, Westview. Also Race Rd. and Pulaski Highway, Baltimore, Md. Grain tanks, air-cell reinforced concrete stave grain tanks.

Massillon, Ohio—MICHIGAN SILO CO., Cherry Rd. N.W. Affiliate of Concrete Silo Co., Bloomfield, Ind. Concrete stave storage bins.

Sidney, Ohio—SHELBY MFG. CO., 219 E. Court St. Storage bins.

Pittsburgh, Pa.—BLAW-KNOX CO., chemical plants div. Steel bins; hopper bottom bins.

Memphis, Tenn.—DABNEY-ALCOTT SUPPLY CO., INC., P. O. Box 2392. Sale of steel grain tanks.

Memphis, Tenn.—SOUTHLAND ENGINEERING & SUPPLY CO., 208-B S. Cleveland. Plant at 92 W. Carolina. Soybean receiving and shipping plants complete.

Memphis, Tenn.—TIPPS ENGINEERING & SUPPLY CO., INC., P. O. Box 213, Front and Market Sts. Complete soybean storage plants.

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Onawa, Iowa—GREEN GABLE BUILDERS, INC. Prefabricated wooden grain bins.

Detroit 20, Mich.—GREAT LAKES STEEL CORP., Stran-Steel div., Ecorse. "Stran-Steel" all-steel, arch-rib quonset buildings for soybean storage and other uses.

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St. Paul 4, Minn.—INDEPENDENT SILO CO., 752 Vandalla St. Tanks for soybean storage.

Independence, Mo.—CURRY STEEL PRODUCTS CO., 417 S. Spring St. Galvanized steel grain bins.

Kansas City 26, Mo.—BLACK, SIVALLS & BRYSON, INC., 7500 E. 12th. Bolted steel grain storage tanks and "Perfection" grain storage bins.

Kansas City 26, Mo.—BUTLER MFG. CO., 7497 E. 13th St. Also 997 6th Ave. SE., Minneapolis 14, Minn. Bolted steel grain tanks.

Kansas City, Mo.—COLUMBIAN STEEL TANK CO., P. O. Box B-4226. Steel grain bins for farm storage.

Kansas City, Mo.—MIDWEST STEEL PRODUCTS CO., Railway Exch. Bldg. Grain storage bins.

Omaha 2, Nebr.—EATON METAL PRODUCTS CORP., 1301 Willis Ave. Also Kansas div., Hutchinson, Kans. Steel grain bins for farm storage.

Omaha 8, Nebr.—TILLOTSON CONSTRUCTION CO., 1215 Jones St.

New York, N. Y.—R. C. STANHOPE, INC., 60 E. 42nd St. Farm storage bins.

Mansfield, Ohio—MARTIN STEEL PRODUCTS CORP., Longview Ave. Steel bolted grain tanks, grain bins, silos, hay-makers.

Springfield, Ohio—ROSS EQUIPMENT CO., 1200 Warder St. Affiliate of William Bayley Co. Bolted steel grain storage tanks, hopper bottoms, metal fabricators.

Oklahoma City, Okla.—BOARDMAN CO., 1401 SW. 11th St. Farm storage bins.

Rosemont, Pa.—LESTAN CORP., 17 Black Friar Rd. Steel tanks and bins.

Sioux Falls, S. Dak.—SIOUX STEEL CO. "Sioux" steel grain bins.

Memphis, Tenn.—HAYS SUPPLY CO., 269-287 S. Front St. Farm storage bins.

Memphis, Tenn.—PIDGEON-THOMAS IRON CO., E. H. Crump Blvd. and S. Main St. Steel fabricating, bins, tanks, structures.

Milwaukee, Wis.—A. O. SMITH CORP., 3533 N. 27th St. "Harvestore."

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Emeryville 8, Calif.—BESLER CORP., 4053 Harlan St. Also Davenport Besler Corp., Davenport, Iowa. "Bes-Kil" aerosol concentrate sprayer.

Bellwood, Ill.—SPRAYING SYSTEMS CO., 3201 Randolph St. "Teetjet" nozzles and accessories for spraying of herbicides, insecticides, defoliants and liquid fertilizers.

Moline, Ill.—DEERE & CO. Dusting machines.

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Cedar Rapids, Iowa—CENTURY ENGINEERING CORP., 401 3rd St. Farm sprayers.

Fort Dodge, Iowa—DODGEN & CO., 426 Central Ave. "Hagie Hi-Clearance" self-propelled sprayers for weed and insect control and defoliation.

SPRAYING EQUIPMENT —(Continued)

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Dakota City, Nebr. — BROYHILL CO. Field sprayers for applying herbicides, insecticides, fungicides and liquid fertilizer. Planter, cultivator, tractor, trailer and jeep attached types—pre-emergence or post-emergence.

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York, Pa. — OLIVER CORP., 142 N. Duke St. "Iron Age" row crop and weed sprayers.

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Atlanta, Ga. — FULTON BAG & COTTON MILLS. Offices in St. Louis, Dallas, Minneapolis, Denver, New Orleans, Kansas City, Kans., New York, Los Angeles.

Indianapolis, Ind. — MAX KATZ BAG CO., 316 S. New Jersey St. Waterproof tarpaulins.

THERMOMETERS

Atlanta 1, Ga. — A. A. WOOD & SONS CO., 436 Magnolia St. NW. Manufactures thermometers used in checking heat of stored or piled beans and meal.

Des Moines 9, Iowa — HOT SPOT DETECTOR, INC., 426 Keo Way. Manufactures and installs "Hot Spot" detector systems for measuring temperatures in grain storage bins.

Rochester 1, N. Y. — TAYLOR INSTRUMENT COS., 95 Ames St. Manufacture instruments for indicating temperature.

Memphis, Tenn. — LEWIS SUPPLY CO., 477 S. Main St.

TRUCK BODIES

Cedar Rapids, Iowa — HIGHWAY EQUIPMENT CO., INC., 616 D Ave. NW. "New Leader Bulkmaster" bulk feed delivery bodies.

Cincinnati 9, Ohio — TRAILMOBILE, INC., 31st and Robinson. Affiliate of Pullman, Inc. Other plants at Springfield, Mo.; Berkeley, Calif. Motor truck trailers for hauling grain, oil and all finished products.

SOYBEAN BLUE BOOK

TRUCK LIFTS

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Evanston, Ill. — BURROWS EQUIPMENT CO., 1316-7 Sherman Ave.

Peoria, Ill. — PAUL J. HAGERTY EQUIPMENT CO., 800 S. Adams St.

Cedar Rapids, Iowa — J. C. KINTZ CO., 1737 B Ave. NE.

Enterprise, Kans. — J. B. EHRSAM & SONS MFG. CO. Truck hoists; semi-trailer platform dumps.

Minneapolis 13, Minn. — AIR-O-FLEX EQUIPMENT CO., INC., 66 8th Ave. NE. Manufactures a complete line of pneumatically and hydraulically powered truck lifts and grain dumpers for country and terminal elevators.

Minneapolis, Minn. — R. R. HOWELL CO. Truck dumps.

Kansas City, Mo. — GENERAL MILL EQUIPMENT CO., 2021 Pennsylvania Ave.

Omaha 4, Nebr. — BENDER HOIST MFG. CO., 2519 N. 54th St. Plant at 4108 N. 24th St. "Bender" electric hoists for elevators and "Bender" electric overhead lifts for dumping trucks.

Sidney, Ohio — SIDNEY GRAIN MACHINERY CO., 424 N. Main St. Truck dumps.

Springfield, Ohio — DUPLEX MILL & MFG. CO. Truck hoists.

Memphis, Tenn. — LEWIS SUPPLY CO., 477 S. Main St.

Fort Worth, Tex. — INDUSTRIAL MACHINERY CO., INC., 2400 S. Main.

TRUCKS, WHEELS, CASTERS

Chicago 6, Ill. — SEEDBURO EQUIPMENT CO., 794 Converse Bldg.

Evanston, Ill. — BURROWS EQUIPMENT CO., 1316-7 Sherman Ave. Bag trucks.

Cedar Rapids, Iowa — J. C. KINTZ CO., 1737 B Ave. NE.

Keokuk, Iowa — THOMAS TRUCK & CASTER CO. Bag, barrel and 4-wheel platform trucks; wheels and casters.

Grand Rapids 2, Mich. — RAPIDS-STANDARD CO., INC. Rapistan Bldg. Plants at 130 Trowbridge NW.; and Plymouth Rd. NE. "Wheel-Ezy" hand trucks; steel-forged and cold-forged casters.

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Memphis, Tenn. — LEWIS SUPPLY CO., 477 S. Main St.

Rutland, Vt. — HOWE SCALE CO. Hand trucks.

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Memphis, Tenn.—LEWIS SUPPLY CO., 477 S. Main St.

Fort Worth, Tex.—BENSON POWER SHOVEL CO., Suite 202, 600 Bailey Bldg. Plant at 4201 Azle Ave. Manufactures power grain shovels for unloading bulk cars, and aluminum handles for any type power shovel.

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Fresno, Calif.—VALLEY FOUNDRY & MACHINE WORKS, INC., 2718 East Ave. Stainless steel valves.

Memphis, Tenn.—LEWIS SUPPLY CO., 477 S. Main St.

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Chicago 4, Ill.—CENTRAL IRONITE WATERPROOFING CO., 208 S. La Salle St. Affiliate of Western Waterproofing Co. "Ironite" waterproofing, "Resto-Crete" weatherproofing, "Sprayton" method. Sell services only, by contract.

Chicago 2, Ill.—B. J. MANY CO., INC., 30 N. La Salle St. Protection against weather by the "In-Fil-Tro" method.

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North Kansas City 16, Mo.—NATIONAL PAINTING CORP., 2012 Burlington. Applicators of Glastic 100% soybean oil waterproofing and weatherproofing materials. Contractors and engineers for repairs, concrete restoration, building cleaning, tuck pointing.

St. Louis 1, Mo.—WESTERN WATERPROOFING CO., Syndicate Trust Bldg. "Resto-Crete" system of weatherproofing, waterproofing, concrete restoration, tuck-pointing, building-cleaning. Engineers and contractors.

Cleveland 13, Ohio—HALLEMITE MFG. CO., 2446 W. 25th St. "Halcoloid" asphalt base cold process roof coating for various types of roofs. Invisible waterproofing for sealing exterior masonry walls against moisture penetration.

Cleveland 15, Ohio—A. C. HORN CORP., contracting div., 1836 Euclid Ave. Also at Long Island City 1, N. Y.; Minneapolis 7. Repairing and waterproofing concrete of existing grain elevators.

Cleveland 12, Ohio—UNITED LABORATORIES, INC., 16801 Euclid Ave. Roofing, weatherproofing.



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"NEW LEADER" BULKMASTERS are giving an excellent account of themselves in actual service. These famous units are rated as the world's finest for handling bulk feeds, grains, and various loose materials. Full details gladly furnished. Please write or wire.

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Ralson Purina . . . Dannen Mills**

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Clinton, Iowa—W. ATLEE BURPEE CO. Bansel.

Hudson, Iowa — STRAYER SEED FARMS. Bansel.

Baltimore 2, Md.—WM. G. SCARLETT & CO., 632 President St. Edible yellow.

Canton, Ohio—HOLMES SEED CO., 224 Cleveland Ave. Bansel.

Richmond, Va.—T. W. WOOD & SONS, 11 S. 14th St. Early Wood's Yellow, Mammoth Yellow, Ogden, Tokia, and Wood's Yellow Late.

La Crosse, Wis.—J. A. SALZER SEED CO. Bansel.

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Faribault, Minn.—FARMER SEED & NURSERY CO. Certified and registered seed of Capitol, Ottawa Mandarin, Monroe and Blackhawk.

Jaywye, Mo.—CYPRESS LAND FARMS CO.

Portageville, Mo.—CYPRESS SUPPLY CO.

St. Louis 2, Mo.—VALLEY FARMS, 314 Merchants Exch. Bldg.

Cincinnati 1, Ohio—J. CHAS. McCULLOUGH SEED CO., P. O. Box 146.

Memphis, Tenn.—L. P. COOK & SON, INC., 1050 Texas St. Distributors of certified and non-certified Ogden, Volstate, Roanoke, S-100, Mamloxi, Dortch No. 2 and 31, Red Tanner, Ral soy, Southern Laredo.

Richmond, Va.—T. W. WOOD & SONS. Breed, grow, distribute soybeans for seed or commercial use.

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The leading handlers of highest quality seed and food soybeans in the South.

Our product represents over twenty-five years of growing, processing, and distributing experience.

"HARTZ QUALITY" means soybeans at their best backed by fast, dependable service.

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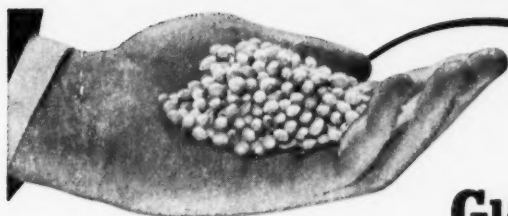
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Bache & Co.	114	Memphis Merchants Exchange	3
Wm. H. Banks Warehouses, Inc.	4	Merrill Lynch, Pierce, Fenner & Beane	113
Barnard & Leas Mfg. Co., Inc.	30	Midwest Burlap & Bag Co.	125
Barrow-Agee Laboratories, Inc.	110	Eldon Miller, Inc.	122
Bauer Bros. Co.	31	Sam Miller Bag Co.	126
Belmont Burlap Bag Co.	124	Minneapolis & St. Louis Railway	107
Paul Berg	20	Minneapolis-Moline	27
Big 4 Cooperative Processing Assn.	76	Mitchell, Hutchins & Co.	115
Blaw-Knox Co.	147	Myers Sherman Co.	131
R. W. Booker & Associates	14		
R. J. Brown Co.	85	National Assn. of Margarine	
Burrows Equipment Co.	88	Manufacturers	105
Butler Mfg. Co.	13	National Painting Corp.	29
E. E. Buxton & Co.	119	Neff & Fry Co.	153
		Nellis Feed Co.	96
Cargill, Inc.	63	Nickel Plate Road	28
C. G. Carter	116	Nitragin Co., Inc.	second cover
Central Soya Co.	41	North Iowa Cooperative Processing	
Chase Bag Co.	65	Assn.	76
Crippen Mfg. Co.	12		
Cypress Land Farms Co.	100	Paper-Calmenson & Co.	87
		Penola Oil Co.	93
Dannen Mills, Inc.	73	Phillips Petroleum Co.	5
J. H. Day Co.	49	Prater Pulverizer Co.	15
Decatur Soy Products Co.	78		
Delphos Grain & Soya Products Co.	78	Quincy Soybean Products Co.	90
Denco Co.	95		
Albert Dickinson Co.	11	O. W. Randolph Co.	26
E. I. du Pont de Nemours & Co.	19	J. E. Reeser Co.	89
		Roesling, Monroe & Co.	68
Enterprise Engine & Machinery Co.	151	Ross & Rowe, Inc.	101
Essmuller Co.	79		
Farmers Cooperative Assn.	73	St. Louis Terminal Warehouse Co.	123
Farmers' Cooperative Co.	76	St. Regis Sales Corp.	75
Felco Soybean Oil Meal Dealers	76	Seedburo Equipment Co.	17
A. T. Ferrell & Co.	139	Shanzer Mfg. Co.	133
Filter Fabrics, Inc.	102	Orville Simpson Co.	45
French Oil Mill Machinery Co.	66-67	Skelly Oil Co.	83
Funk Bros. Seed Co.	158	Soybean Digest	59
		Soy-Rich Products, Inc.	8
General Mills, Inc.	69	Spencer Kellogg & Sons, Inc.	88
Glidden Co.	third cover	D. R. Sperry & Co.	25
Goffee & Carkener, Inc.	130	A. E. Staley Mfg. Co.	71
Guillory Sales Co.	135	Standard Commission Co.	114
		Esso Standard Oil Co.	7
Hart-Carter Co.	2	Stillpass Transit Co., Inc.	122
Jacob Hartz Seed Co., Inc.	159	Harry E. Surface Co.	145
Hawkeye Soy Products Co.	84		
Haynes Soy Products Inc.	84	Tabor Grain & Feed Co.	117
Heyman Co.	138	Tennessee Corp.	137
Highway Equipment Co., Inc.	157	Thomson Phosphate Dept., Interna-	
Honeymead Products Co.	108	tional Minerals & Chemical Corp.	24
S. Howes Co., Inc.	109	Tillotson Construction Co.	121
Humphreys-Godwin Co.	112	Toledo Soybean Products Co.	94
Huss & Schlieper	91	Twin City Machine Co.	128
Ewing Hutchison Co.	51		
		U. S. Rubber Co.	23
Illinois Soy Products Co.	94		
Iowa Milling Co.	90	Victory Mills Ltd.	58
Iowa Soya Co.	82		
Jeffrey Mfg. Co.	141	West Bend Elevator Co.	76
Jones-Hettelsater Construction Co.	120	Western Burlap Bag Co.	127
		Western Waterproofing Co.	156
Kansas Soya Products Co., Inc.	10	Wilkens-Anderson Co.	143
Max Katz Bag Co., Inc.	123	T. W. Wood & Sons	100
J. C. Kintz Co.	120	Woodson-Tenent Laboratories	9
		Wurster & Sanger, Inc.	142
		Grady Yancey & Co.	128



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EDIBLE SOYA PRODUCTS for Baked Goods, Meat Products, Prepared Mixes, Candy, Restaurant Menus, Institutional Food Formulas and Canned or Dry Type Pet Foods. **SOYARICH FLOUR**—full-fat Soya Flour; **SOYAFLUFF FLOUR**—practically fat-free Soya Flour; **SOYALOSE FLOURS** No. 103 and No. 105—low-fat types of soya flour containing fat in form of lecithin, a pure vegetable product.

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INDUSTRIAL SOYA PROTEINS — ALPHA* PROTEIN—Pure, isolated soya protein used

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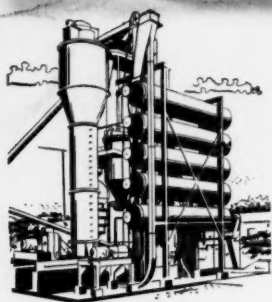
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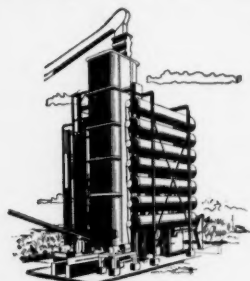
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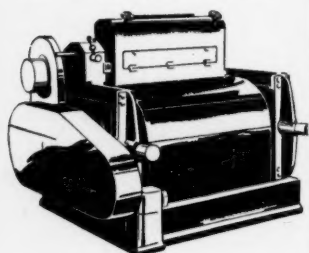
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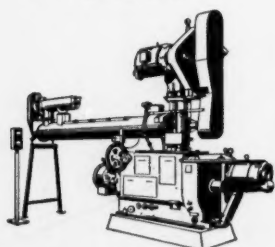
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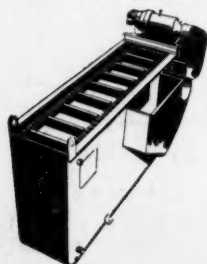
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